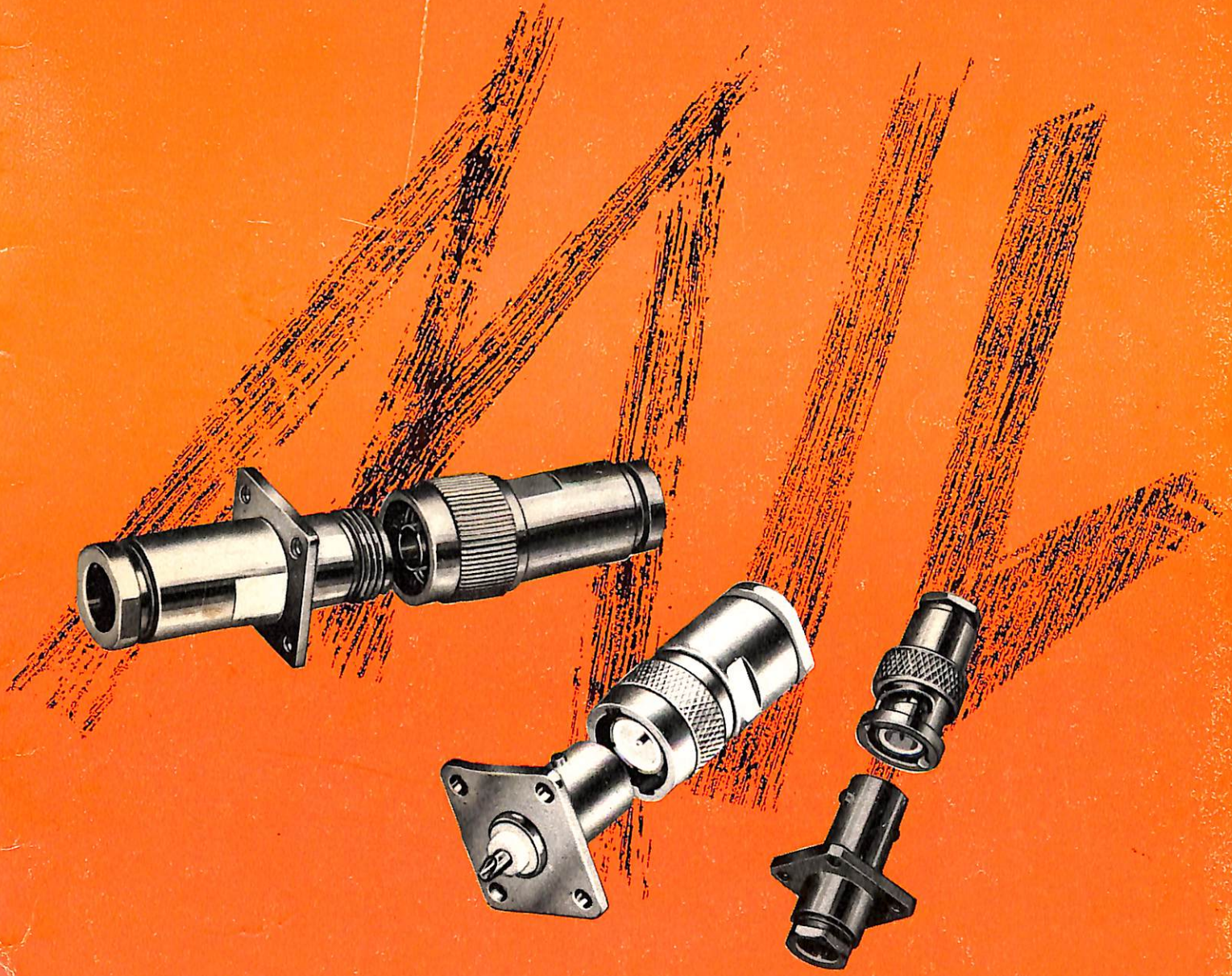
Section

D

Standard Coaxial Connectors



Radiall

SECTION D0	**CATALOGUE « M » MINIATURE COAXIAL CONNECTORS**	Micro - Miniature « Snap - on » series for use to 1 000 MHz.	**MICROCLIC**
SECTION D1		Miniature screw - coupling series for use to 10 GHz MIL - C - 39 012 B/SMC.	**SUBVIS (Pattern 17 type)**
SECTION D2		Miniature « Snap - on » series for use to 10 GHz. MIL - C - 39 012 B/SMB. Latching types «SUBLOCK» also available see page D2- 15.	**SUBCLIC (Pattern 17 type)**
SECTION D3		Internationally accepted screw coupling high precision series for use to 18 GHz. MIL - C - 39 012 B/SMA.	**RiM (SMA)**
SECTION D4	**CATALOGUE « D » STANDARD COAXIAL CONNECTORS**	The most popular general purpose coaxial connector for use to 10 GHz with bayonet coupling MIL - C - 39 012 B and MIL - C - 3 608 A.	**BNC**
SECTION D5		Screw coupling general purpose series of similar size to BNC for use to 11 GHz. MIL - C - 23 329 A (ships) and MIL - C - 39 012 B.	**TNC**
SECTION D6		Low cost screw coupling series with a choice of teflon, bakelite or styramic insulators. Although still widely in use it is being superseded! by BNC for new equipments.	**UHF**
SECTION D7		Popular screw coupling series for use to 11 GHz. 75 Ohm types also available see page D7- 11 MIL - C - 39 012 B and MIL - C - 71 B.	**N**
SECTION D8		Larger Bayonet coupling series for use to 11 GHz. MIL - C - 39 012 A MIL - C - 3 989 A and MIL - C - 23 329 A.	**C**
SECTION D9		High tension «N» screw coupling series for use to 8 000 V. r.m.s. 50 Hz - MIL - C - 3 643 A.	**HN**
SECTION D10		High Power Screw coupling series for use to 10 000 V. r.m.s. 50 Hz. 75 Ohm version also available see page D10- 7 MIL - C - 5 650 and MIL - C - 5 650 A.	**LC**
SECTION D11			
SECTION D12		Over 60 adaptor types allowing direct inter-connection between different connector series for both cable and through-bulkhead applications UG types conforming to MIL - A - 27 434 A.	**INTER - SERIES ADAPTORS**

CATALOG D

RADIALL PRECISION COAXIAL CONNECTORS

PIERCING

ENTREE PAR NUMEROS DE CODE
ORDER CODE INDEX
EINGANG ÜBER EDV-NUMMER

CODE	AUTRE OTHER REFERENCE
Série BNC : Section D4	
R. 141 003	R. 90 580
R. 141 004	R. 90 590
R. 141 005	R. 9 950
R. 141 007	UG. 88/U
R. 141 008	UG. 88 C/U
R. 141 009	UG. 88 E/U
R. 141 010	R. 90 410
R. 141 011	UG. 260/U
R. 141 012	UG. 260 B/U
R. 141 013	UG. 260 D/U
R. 141 014	R. 90 440
R. 141 015	R. 9 820
R. 141 018	R. 9 890
R. 141 052	R. 90 720
R. 141 053	R. 90 710
R. 141 060	R. 90 770
R. 141 061	R. 91 500
R. 141 062	R. 90 780
R. 141 072	R. 90 690
R. 141 073	R. 91 490
R. 141 074	R. 90 700
R. 141 093	UG. 589/U
R. 141 106	R. 9 580
R. 141 153	R. 91 140
R. 141 154	R. 91 150
R. 141 156	UG. 913 A/U
R. 141 157	R. 9 940
R. 141 182	R. 90 990
R. 141 184	R. 91 030
R. 141 205	R. 9 960
R. 141 206	UG. 89/U
R. 141 207	UG. 89 C/U
R. 141 208	R. 90 420
R. 141 209	UG. 261/U
R. 141 210	UG. 261 C/U
R. 141 227	R. 90 890
R. 141 238	R. 90 730
R. 141 239	R. 91 470
R. 141 240	R. 90 740
R. 141 253	R. 90 900
R. 141 254	R. 90 910
R. 141 255	R. 9 970
R. 141 256	R. 91 070
R. 141 257	UG. 291/U
R. 141 258	UG. 291 C/U
R. 141 259	R. 90 680
R. 141 260	R. 90 430
R. 141 261	UG. 262/U
R. 141 262	UG. 262 C/U
R. 141 264	R. 91 060
R. 141 265	R. 90 460
R. 141 270	
R. 141 282	R. 90 750
R. 141 284	R. 90 760
R. 141 323	R. 90 600
R. 141 324	R. 90 610
R. 141 327	R. 90 340
R. 141 329	R. 90 360
R. 141 332	R. 91 010
R. 141 334	R. 91 000
R. 141 403	UG. 290/U
R. 141 404	UG. 290 A/U
R. 141 406	R. 90 040
R. 141 407	R. 90 080
R. 141 409	R. 9 690
R. 141 410	R. 90 250

CODE	AUTRE OTHER REFERENCE
Série BNC : Section D4	
R. 141 420	
R. 141 439	R. 91 300
R. 141 440	R. 90 050
R. 141 453	R. 9 100
R. 141 554	UG. 625 B/U
R. 141 556	R. 9 590
R. 141 557	UG. 1094/U
R. 151 559	UG. 1094 B/U
R. 141 571	R. 91 420
R. 141 603	UG. 657/U
R. 141 625	R. 90 810
R. 141 653	UG. 535/U
R. 141 654	R. 90 010
R. 141 680	UG. 1098/U
R. 141 703	UG. 491 B/U
R. 141 704	UG. 914/U
R. 141 710	UG. 414 A/U
R. 141 717	R. 91 080
R. 141 753	UG. 492 B/U
R. 141 770	UG. 306 B/U
R. 141 780	UG. 274 B/U
R. 141 802	CW. 155 A/U
R. 141 812	CW. 123 A/U
R. 141 842	CW. 282/U
R. 141 860	R. 91 280
R. 141 862	CW. 159/U
Série BNC 75 Ω : Section D4	
R. 141 016	UG. 260 F/U
R. 141 062	R. 90 780
R. 141 085	UG. 1 789/U
R. 141 242	UG. 1 798/U
R. 141 268	UG. 262 D/U
R. 141 412	
R. 141 562	
Série TNC : Section D5	
R. 143 008	R. 19 010
R. 143 012	R. 19 040
R. 143 018	R. 19 330
R. 143 052	R. 19 210
R. 143 053	R. 19 200
R. 143 072	R. 19 220
R. 143 074	R. 19 230
R. 143 156	R. 19 070
R. 143 157	R. 19 080
R. 143 182	
R. 143 184	
R. 143 207	R. 19 020
R. 143 210	R. 19 050
R. 143 227	R. 19 270
R. 143 238	
R. 143 240	
R. 143 258	R. 19 030
R. 143 262	R. 19 060
R. 143 282	R. 19 340
R. 143 284	R. 19 350
R. 143 323	R. 19 260
R. 143 324	R. 19 250
R. 143 337	R. 19 320
R. 143 404	R. 19 000
R. 143 405	
R. 143 420	
R. 143 440	R. 19 190
R. 143 557	R. 19 090
R. 143 603	R. 19 170

CODE	AUTRE OTHER REFERENCE
Série TNC : Section D5	
R. 143 654	R. 19 160
R. 143 680	R. 19 180
R. 143 703	R. 19 150
R. 143 704	R. 19 130
R. 143 710	R. 19 140
R. 143 770	R. 19 100
R. 143 780	R. 19 110
R. 143 782	R. 19 280
R. 143 812	R. 19 120
Série UHF : Section D6	
R. 155 003	PL. 259 A
R. 155 004	PL. 259 B
R. 155 005	PL. 259 T
R. 155 074	R. 11 380
R. 155 404	SO. 239 B
R. 155 405	SO. 239 T
R. 155 560	R. 11 240
R. 155 705	PL. 258
R. 155 715	R. 11 100
R. 155 725	UG. 363/U
R. 155 770	M. 359
R. 155 780	M. 358
R. 155 782	R. 11 290
R. 155 862	R. 11 150
Série UHF-2 : Section D6	
R. 156 003	UG. 102/U
R. 156 403	UG. 103/U
R. 156 705	UG. 105/U
R. 156 770	UG. 104/U
Série N : Section D7	
R. 161 004	R. 55 730
R. 161 005	UG. 536/U
R. 161 006	R. 55 250
R. 161 012	UG. 603 A/U
R. 161 013	UG. 18 B/U
R. 161 018	UG. 21 B/U
R. 161 020	UG. 21 E/U
R. 161 022	UG. 1185 A/U
R. 161 027	UG. 204 C/U
R. 161 030	R. 55 080
R. 161 032	R. 5 490
R. 161 052	R. 55 510
R. 161 053	R. 55 530
R. 161 060	R. 55 920
R. 161 062	R. 56 040
R. 161 075	R. 55 910
R. 161 088	R. 56 170
R. 161 089	R. 56 180
R. 161 118	R. 5 840
R. 161 168	UG. 594/U
R. 161 185	R. 56 050
R. 161 187	R. 56 080
R. 161 206	R. 55 270
R. 161 212	UG. 602 A/U
R. 161 213	UG. 20 B/U
R. 161 218	UG. 23 B/U
R. 161 220	UG. 23 E/U
R. 161 222	UG. 1186 A/U
R. 161 233	R. 56 070
R. 161 235	R. 56 060
R. 161 241	R. 55 900
R. 161 243	R. 56 150
R. 161 244	R. 56 160

CODE	AUTRE OTHER REFERENCE
Série N : Section D7	
R. 161 256	R. 55 280
R. 161 262	R. 55 070
R. 161 263	UG. 19 B/U
R. 161 268	UG. 22 B/U
R. 161 270	UG. 22 E/U
R. 161 272	UG. 1187 A/U
R. 161 277	R. 55 710
R. 161 320	R. 55 820
R. 161 321	R. 55 810
R. 161 325	UG. 556/U
R. 161 328	R. 5 760
R. 161 332	UG. 160 C/U
R. 161 404	UG. 58 A/U
R. 161 410	R. 55 350
R. 161 441	R. 5 710
R. 161 570	R. 55 360
R. 161 606	R. 5 200
R. 161 625	R. 55 420
R. 161 653	UG. 997 A/U
R. 161 703	UG. 57 B/U
R. 161 704	R. 55 780
R. 161 705	UG. 29 B/U
R. 161 715	R. 5 300
R. 161 753	UG. 30 D/U
R. 161 771	UG. 27 C/U
R. 161 780	UG. 107 B/U
R. 161 782	UG. 28 A/U
R. 161 841	R. 5 940
R. 161 853	MX. 913/U
Série N - 75 Ω : Section D7	
R. 162 013	UG. 91 A/U
R. 162 017	UG. 94 A/U
R. 162 213	UG. 92 A/U
R. 162 217	UG. 95 A/U
R. 162 263	UG. 93 A/U
R. 162 267	UG. 96 A/U
R. 162 403	R. 5 910
Série C : Section D8	
R. 166 005	UG. 709 B/U
R. 166 012	UG. 627 B/U
R. 166 018	UG. 573 B/U
R. 166 052	R. 12 240
R. 166 053	R. 12 320
R. 166 060	R. 12 280
R. 166 061	
R. 166 075	R. 12 290
R. 166 168	UG. 710 B/U
R. 166 185	R. 12 340
R. 166 187	R. 12 350
R. 166 218	UG. 572 A/U
R. 166 241	R. 12 300
R. 166 256	R. 12 200
R. 166 262	R. 12 190
R. 166 268	UG. 571 A/U
R. 166 278	R. 12 310
R. 166 326	R. 12 160
R. 166 328	UG. 631 A/U
R. 166 332	UG. 570 A/U
R. 166 404	UG. 568/U
R. 166 607	R. 12 360
R. 166 703	UG. 642 A/U
R. 166 705	UG. 643/U
R. 166 753	UG. 701/U
R. 166 770	UG. 567 A/U

CODE	AUTRE OTHER REFERENCE
Série C : Section D8	
R. 166 780	UG. 566 A/U
R. 166 811	MX. 1142/U
Série HN : Section D9	
R. 176 006	R. 7 090
R. 176 012	R. 7 060
R. 176 018	R. 7 050
R. 176 019	UG. 59 D/U
R. 176 027	UG. 494 A/U
R. 176 029	UG. 495 B/U
R. 176 218	UG. 60 D/U
R. 176 268	UG. 61 D/U
R. 176 404	UG. 496/U
R. 176 754	R. 7 080
R. 176 811	R. 7 070
Série LC : Section D10	
R. 181 020	R. 8 270
R. 181 021	R. 8 250
R. 181 029	UG. 1258/U
R. 181 032	R. 8 080
R. 181 209	R. 8 300
R. 181 212	R. 8 230
R. 181 259	R. 8 310
R. 181 262	R. 8 090
R. 181 404	UG. 352 A/U
R. 181 715	UG. 287/U
R. 181 770	UG. 216/U
R. 181 811	R. 8 320
R. 181 841	R. 8 350
Série LC - 10 Kv : Section D10	
R. 182 404	R. 8 180
R. 182 705	UG. 155/U
R. 182 770	UG. 208/U
Série LC 75 Ω : Section D10	
R. 183 032	R. 8 110
R. 183 404	R. 8 120
ADAPTATEURS : Section D12	
R. 191 009	R. 20 970
R. 191 011	R. 20 980
R. 191 013	R. 20 990
R. 191 015	R. 21 020
R. 191 017	R. 21 030
R. 191 019	R. 21 040
R. 191 025	R. 20 950
R. 191 027	R. 20 960
R. 191 117	R. 20 470
R. 191 120	R. 20 590
R. 191 123	R. 20 640
R. 191 141	R. 20 430
R. 191 143	R. 20 420
R. 191 147	R. 20 660
R. 191 209	R. 20 460
R. 191 212	R. 20 600
R. 191 215	R. 20 650
R. 191 225	R. 20 930
R. 191 228	R. 20 820
R. 191 233	R. 20 450
R. 191 239	R. 20 670
R. 191 309	R. 20 860
R. 191 311	R. 20 850
R. 191 313	R. 20 790
R. 191 315	R. 20 840

CODE	AUTRE OTHER REFERENCE
ADAPTATEURS: Section D12	
R. 191 325	R. 20 800
R. 191 327	R. 20 700
R. 191 329	R. 20 710
R. 191 331	R. 20 830
R. 191 332	R. 20 810
R. 191 365	
R. 191 403	R. 20 510
R. 191 405	R. 20 500
R. 191 411	R. 20 270
R. 191 413	R. 20 260
R. 191 416	R. 20 910
R. 191 419	UG. 349 A/U
R. 191 421	UG. 201 A/U
R. 191 422	R. 20 610
R. 191 424	R. 20 000
R. 191 429	UG. 636 A/U
R. 191 445	UG. 255/U
R. 191 447	UG. 273/U
R. 191 449	UG. 309/U
R. 191 453	R. 20 770
R. 191 455	R. 20 940
R. 191 511	R. 20 520
R. 191 513	R. 20 530
R. 191 603	R. 20 300
R. 191 606	R. 20 310
R. 191 609	R. 20 480
R. 191 630	R. 20 280
R. 191 632	R. 20 290
R. 191 703	UG. 564/U
R. 191 705	UG. 565 A/U
R. 191 708	R. 20 490
R. 191 731	UG. 146/U
R. 191 733	UG. 83 A/U
R. 191 737	R. 20 580
R. 191 741	R. 20 340
R. 191 742	R. 20 350
R. 191 745	R. 20 680
R. 191 921	UG. 637/U
R. 191 931	UG. 702/U
R. 191 933	UG. 703 A/U
ACCESSOIRES de CABLAGE	
R. 280 004	R. 11 310
R. 280 007	R. 11 320
R. 280 010	R. 11 200
R. 280 205	R. 11 140
R. 280 207	UG. 175/U
R. 280 211	UG. 176/U
R. 280 407	UG. 177/U
R. 280 417	UG. 106/U
R. 280 503	R. 9 366
R. 280 505	R. 5 845
R. 280 555	R. 90 635
R. 280 603	

répertoire numérique

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TYPENVERZEICHNIS

MODELES CONFORMES AUX NORMES MIL
CONFORM TO MIL SPECIFICATIONS
MIL-genormte Steckverbindungen

REF. MIL	CODE	SERIE	SECT.
UG. 18 B/U	R. 161 013	N	D7
UG. 19 B/U	R. 161 263		
UG. 20 B/U	R. 161 213		
UG. 21 B/U	R. 161 018		
UG. 21 E/U	R. 161 020		
UG. 22 B/U	R. 161 268		
UG. 22 D/U	R. 161 269		
UG. 22 E/U	R. 161 270		
UG. 23 B/U	R. 161 218		
UG. 23 D/U	R. 161 219		
UG. 23 E/U	R. 161 220		
UG. 27 B/U	R. 161 770		
UG. 27 C/U	R. 161 771		
UG. 28 A/U	R. 161 782		
UG. 29 B/U	R. 161 705		
UG. 30 D/U	R. 161 753		
UG. 57 B/U	R. 161 703		
UG. 58 A/U	R. 161 404	N	D7
UG. 59 D/U	R. 176 019	HN	D9
UG. 60 D/U	R. 176 218		
UG. 61 D/U	R. 176 268		
UG. 83 A/U	R. 191 733	Adapt.	D12
UG. 88 C/U	R. 141 008	BNC	D4
UG. 88 E/U	R. 141 009		
UG. 88/U	R. 141 007		
UG. 89 C/U	R. 141 207		
UG. 89/U	R. 141 206	BNC	D4
UG. 91 A/U	R. 162 013	N	D7
UG. 92 A/U	R. 162 213		
UG. 93 A/U	R. 162 263		
UG. 94 A/U	R. 162 017		
UG. 95 A/U	R. 162 217		
UG. 96 A/U	R. 162 267	N	D7
UG. 102/U	R. 156 003	UHF-2	D6
UG. 103/U	R. 156 403		
UG. 104/U	R. 156 770		
UG. 105/U	R. 156 705	UHF-2	D6
UG. 106/U	R. 280 417	N-UHF	D7-D6
UG. 107 B/U	R. 161 780	N	D7
CW. 123 A/U	R. 141 812	BNC	D4
UG. 146/U	R. 191 731	Adapt.	D12
CW. 155 A/U	R. 141 802	BNC	D4
UG. 155/U	R. 182 705	LC	D10
CW. 159/U	R. 141 862	BNC	D4
UG. 160 C/U	R. 161 332	N	D7
UG. 175/U	R. 280 207	UHF	D6

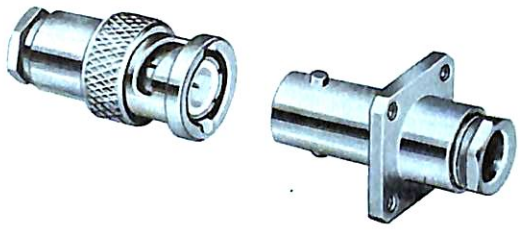
REF. MIL	CODE	SERIE	SECT.
UG. 176/U	R. 280 211	UHF	D6
UG. 177/U	R. 280 407	N-UHF	D7-D6
UG. 201 A/U	R. 191 421	Adapt.	D12
UG. 204 C/U	R. 161 027	N	D7
UG. 208/U	R. 182 770	LC	D10
UG. 212 C/U	R. 176 770	HN	D9
UG. 216/U	R. 181 770	LC	D10
SO. 239 B	R. 155 404	UHF	D6
SO. 239 T	R. 155 405	UHF	D6
UG. 255/U	R. 191 445	Adapt.	D12
PL. 258	R. 155 705	UHF	D6
PL. 259 A	R. 155 003		
PL. 259 B	R. 155 004		
PL. 259 T	R. 155 005	UHF	D6
UG. 260 B/U	R. 141 012	BNC	D4
UG. 260 D/U	R. 141 013		
UG. 260 F/U	R. 141 016		
UG. 260/U	R. 141 011		
UG. 261 C/U	R. 141 210		
UG. 261/U	R. 141 209		
UG. 262 C/U	R. 141 262		
UG. 262 D/U	R. 141 268		
UG. 262/U	R. 141 261	BNC	D4
UG. 273/U	R. 191 447	Adapt.	D12
UG. 274 B/U	R. 141 780	BNC	D4
PL. 274	R. 155 725	UHF	D6
CW. 282/U	R. 141 842	BNC	D4
PL. 284	R. 156 003	UHF	D6
PL. 285	R. 156 705	UHF	D6
UG. 287/U	R. 181 715	LC	D10
UG. 290 A/U	R. 141 404	BNC	D4
UG. 290/U	R. 141 403		
UG. 291 C/U	R. 141 258		
UG. 291/U	R. 141 257	BNC	D4
PL. 293	R. 156 770	UHF	D6
UG. 306 B/U	R. 141 770	BNC	D4
UG. 309/U	R. 191 449	Adapt.	D12
UG. 349 A/U	R. 191 419	Adapt.	D12
UG. 352 A/U	R. 181 404	LC	D10
M. 358	R. 155 780	UHF	D6
M. 359	R. 155 770	UHF	D6
UG. 363/U	R. 155 725	UHF	D6
UG. 414 A/U	R. 141 710	BNC	D4
UG. 491 B/U	R. 141 703		
UG. 492 B/U	R. 141 753		
UG. 494 A/U	R. 176 027	HN	D9
UG. 495 B/U	R. 176 029	HN	D9

REF. MIL	CODE	SERIE	SECT.
UG. 496/U	R. 176 404	HN	D 9
UG. 535/U	R. 141 653	BNC	D4
UG. 536/U	R. 161 005		
UG. 556/U	R. 161 325		
UG. 564/U	R. 191 703	Adapt.	D12
UG. 565 A/U	R. 191 705	Adapt.	D12
UG. 566 A/U	R. 166 780	C	D8
UG. 567 A/U	R. 166 770		
UG. 568/U	R. 166 404		
UG. 570 A/U	R. 166 332		
UG. 571 A/U	R. 166 268		
UG. 572 A/U	R. 166 218		
UG. 573 B/U	R. 166 018	C	D8
UG. 589/U	R. 141 093	BNC	D4
UG. 594/U	R. 161 168	N	D7
UG. 602 A/U	R. 161 212		
UG. 603 A/U	R. 161 012		
UG. 625 B/U	R. 141 554	BNC	D4
UG. 627 B/U	R. 166 012	C	D8
UG. 631 A/U	R. 166 328	C	D8
UG. 636 A/U	R. 191 429	Adapt.	D12
UG. 637/U	R. 191 921	Adapt.	D12
UG. 642 A/U	R. 166 703	C	D8
UG. 643/U	R. 166 705	C	D8
UG. 657/U	R. 141 603	BNC	D4
UG. 701/U	R. 166 753	C	D8
UG. 702/U	R. 191 931	Adapt.	D12
UG. 703 A/U	R. 191 933	Adapt.	D12
UG. 709 B/U	R. 166 005	C	D8
UG. 710 B/U	R. 166 168	C	D8
UG. 913 A/U	R. 141 156	BNC	D4
MX. 913/U	R. 161 853	N	D7
UG. 914/U	R. 141 704	BNC	D4
UG. 997 A/U	R. 161 653	N	D7
UG. 1094 B/U	R. 141 559	BNC	D4
UG. 1094/U	R. 141 557	BNC	D4
UG. 1098/U	R. 141 680	BNC	D4
MX. 1142/U	R. 166 811	C	D8
UG. 1185 A/U	R. 161 022	N	D7
UG. 1186 A/U	R. 161 222	N	D7
UG. 1187 A/U	R. 161 272	N	D7
UG. 1258/U	R. 181 029	LC	D10
UG. 1 789/U	R. 141 085	BNC	D4
UG. 1 798/U	R. 141 242	BNC	D4

BNC series 50Ω*

CAM LISTED

(for BNC series 75 Ω see page D4- 13)



GENERAL CHARACTERISTICS

- Specifications : MIL - C - 39 012 B
  MIL - C - 3 608 A
  CCTU - 10 - 03 A
- Interchangeable with equivalent American types
- Bayonet lock coupling : 2 bayonets
- Materials : female contacts and all metal parts under stress : heat treated beryllium bronze
  other metal parts : brass
  insulators : PTFE (teflon)
  gaskets : silicone rubber or neoprene
- Plating : centre contacts : silver or gold
  other parts : nickel
- Two types of cable clamp : standard plain gasket and improved V-groove gasket (see detailed assembly instructions pages D4- 15 and D4- 16).

ELECTRICAL CHARACTERISTICS

- Characteristic impedance : 50 ohms
  (for fully adapted 75 Ohm types see pages D4-13)
- Operational frequency range : DC to 10 000 MHz
- Maximum recommended continuous voltage : 500 volts r.m.s.
- Test voltage : 1 500 volts r.m.s. at sea level
- Insulation resistance : 5 000 MΩ mini
- Contact resistance : 2 mΩ maxi.

ENVIRONMENTAL CHARACTERISTICS

- Operating temperature range :
  types fitted with neoprene gasket : - 55° + 125° C
  types fitted with a silicone gasket : - 55° + 165° C
- Life : 500 mate/demate operations
- Vibration : ± 1.5 mm from 10 to 80 Hz - 20 g. from 80 to 2 000 Hz
- Shock : 50 g.

COAXIAL CABLES suitable for use with BNC connectors

The groups are designated by cable ext. Ø in mm/Impedance.

- **Flexible coaxial cables**

GROUP 2/50	GROUP 2.6/50	GROUP 2.6/75	GROUP 5/50	GROUP 6/75	GROUP 6/93	GROUP 10/50	GROUP 11/50
RG. 178 B/U RG. 196 A/U KX. 21 A	RG. 174/U RG. 188 A/U RG. 316/U KX. 3 A KX. 22 A	RG. 179 B/U RG. 187 A/U ★ see cabling accessories on page D4- 2	RG. 58 C/U RG. 141 A/U RG. 142 B/U RG. 223/U KX. 15 KX. 23	RG. 59 B/U RG. 140/U KX. 6 A KX. 25 KX. 52 KX. 53	RG. 62 A/U RG. 71 B/U KX. 30 125 PMSA (130 Ω)	RG. 165/U RG. 213/U RG. 215/U ⊕ KX. 4	RG. 214/U RG. 225/U KX. 13 KX. 24

⊕ Armoured cable requiring special clamp - see data sheet E 16.

★ *See pages D4- 13 and D4- 14 for fully adapted 75 Ω types.*

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BNC series 50 Ω

- Special coaxial cables

- Coaxial cables 50 PPD for connector codes R. 141 005 - R. 141 205 - R. 141 255
  50 P and 75 PD for connector code R. 141 015
- Non coaxial cable : W 142 (Øext. 6.35 - core Ø 1.63) for plug code R. 141 093

- Semi-Rigid coaxial cables

Ø3.58 mm : . 141 Inch	see connectors : R. 141 052 - R. 141 227
Ø6,35 mm : . 250 Inch	see connectors : R. 141 053

ACCESSORY FOR THE ADAPTION OF BNC CONNECTORS TO CABLES IN GROUP 2.6/75 Ω
(not supplied with standard connectors - please order as required)

CODE **R. 280 603**

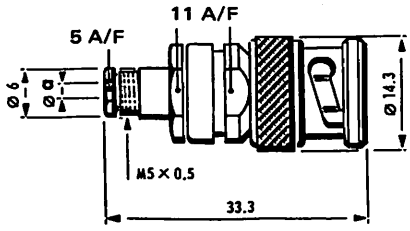
Use in place of the braid - clamp, supplied with connectors in cable group 2.6/50 Ω.

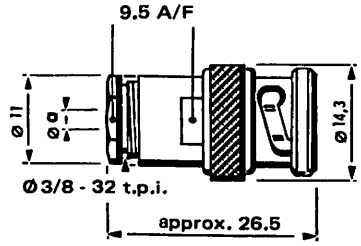
D
4

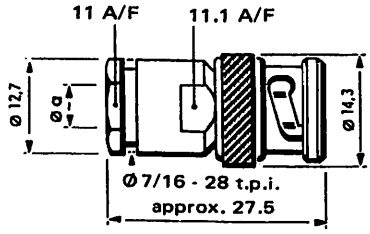
A SEPARATE DATA SHEET IS AVAILABLE SHOWING CONNECTORS SUITABLE FOR USE WITH FILOTEX LOW NOISE COAXIAL CABLE TYPE CAS 85 - 22 and CAS 250 - 22

plugs ★ *Detailed assembly instructions : pages D4- 15 and D4- 16*

Gaskets	N : neoprene S : silicone rubber





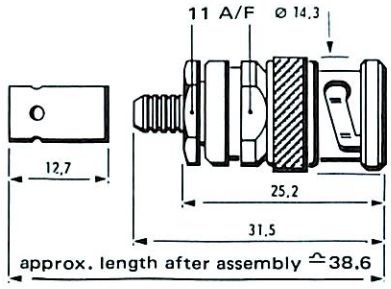


☆ *Non - stock item available on special order only*

	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE ø a	ASSEMBLY CODE ★	GASKET	WEIGHT g.
STRAIGHT SOLDER PLUG						
CODE **R. 141 003**	R. 90 580	2/50	2,2	F	N	15
CODE **R. 141 004**	R. 90 590	2,6/50	3	F	N	14,5
STRAIGHT SOLDER PLUG						
CODE **R. 141 005**	R. 9 950	50 PPD	3,7	A	N	13,5
CODE **R. 141 007**	UG. 88/U R. 9 000	5/50	5,55	A	N	12,5
CODE **R. 141 011**	UG. 260/U R. 9 200	6/75	6,5	A	S	12,5
CODE **R. 141 015**	R. 9 820	50 PD 75 PD	6,7	A	N	12,5
CODE **R. 141 093**	UG. 589/U R. 9 880	W 142	6,5		N	12,5
STRAIGHT SOLDER PLUG						
CODE **R. 141 008**	UG. 88 C/U R. 9 390	5/50	5,55	C	S	16,5
CODE **R. 141 009**	UG. 88 E/U R. 90 510	5/50	5,55	C	S	16,5
CODE **R. 141 010** captive contact	R. 90 410	5/50	5,55	E	S	16,5
CODE **R. 141 012**	UG. 260 B/U R. 9 340	6/75 6/93	6,5	C	S	16
CODE **R. 141 013**	UG. 260 D/U R. 90 520		6,5	C	S	16
CODE **R. 141 014** captive contact	R. 90 440		6,5	E	S	16
CODE **R. 141 052**	R. 90 720	. 141 semi-rigid	3,63	K	S	18
CODE **R. 141 053** ☆	R. 90 710	. 250 semi-rigid	6,4	L	S	15,5

★ *Detailed assembly instructions : page D4- 15*

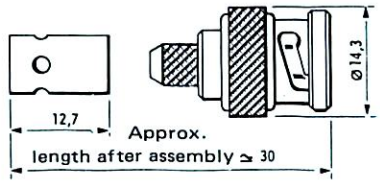
Gaskets	N : neoprene S : silicone rubber



STRAIGHT CRIMP PLUG

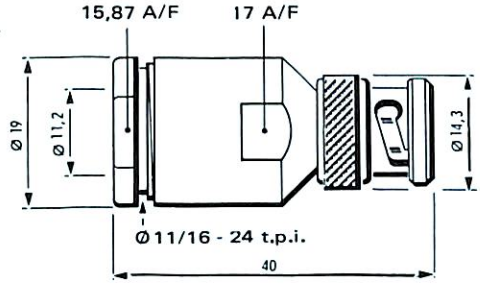
	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★	GASKET	WEIGHT g.
CODE **R. 141 072**	R. 90 690	RG. 58 C/U RG. 141 A/U KX. 15	5,5	G	S	17,5
CODE **R. 141 073**	R. 91 490	RG. 142 B/U RG. 223/U KX. 23	5,5	G	S	17,5
CODE **R. 141 074**	R. 90 700	6/75	6,6	H	S	17,5

BNC MIL crimp-50 ohm STRAIGHT CRIMP PLUG



CODE **R. 141 075**		RG. 174/U RG. 188 A/U RG. 316/U		G1	S	5
CODE **R. 141 082**	R. 91320 UG. 1785/U	RG. 58 C/U RG. 141 A/U KX. 15	5,5	J	S	8

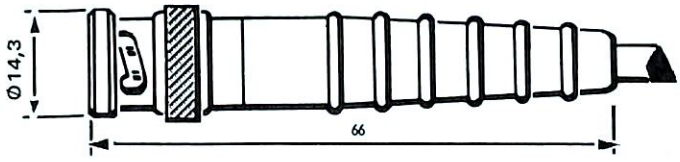
STRAIGHT SOLDER PLUG



CODE **R. 141 018** Equivalent to UG. 959 A/U	R. 9 890	10/50 11/50	11,2	D	S	32

PLUGS - ASSEMBLED AND OVERMOULDED ON 50 Ω CABLE

See page D4- 14 for 75 Ω BNC overmoulded types.

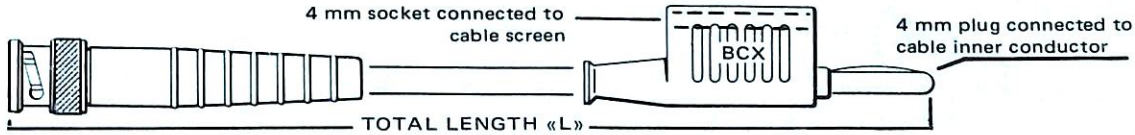


CODE **R. 141 060**	CODE **R. 141 061**
Other Part N° : R. 90 770	Other Part N° : R. 91 500
Cable 50 Ω RG. 58 C/U or KX. 15	**cable 50 Ω RG. 223/U double screen**

- Operating temperature range : - 40° + 85° C

OVERMOULDED COAXIAL CONNECTOR/CABLE ASSEMBLIES (Standard lengths from stock)

CODE FOR STANDARD ASSEMBLY	CONNECTOR CODES	CABLE	TOTAL LENGTH «L»
R. 285 424	R. 141 060 + R. 141 060	RG. 58 C/U - KX. 15	50 cm
R. 285 425	R. 141 060 + R. 141 060	RG. 58 C/U - KX. 15	100 cm
R. 285 426	R. 141 060 + R. 141 060	RG. 58 C/U - KX. 15	150 cm



CODE FOR STANDARD ASSEMBLY	CONNECTORS CODES	CABLE	TOTAL LENGTH «L»
R. 948 450	R. 141 060 + BCX	RG. 58 C/U ou KX. 15	100 cm
R. 948 460	R. 141 060 + BCX	RG. 58 C/U ou KX. 15	150 cm

OVERMOULDED COAXIAL CONNECTOR/CABLE ASSEMBLIES SIMILAR TO THE ABOVE BUT OF DIFFERENT LENGTH ETC MAY BE ORDERED BY QUOTING THE FOLLOWING :

PLUG : R. 141 060 / cable RG. 58 C/U - KX. 15 / PLUG : R. 141 060 / TOTAL LENGTH . . . cm
PLUG : R. 141 061 / cable RG. 223/U / PLUG : R. 141 061 / TOTAL LENGTH . . . cm
PLUG : R. 141 060 / cable RG. 58 C/U - KX. 15 / BCX / TOTAL LENGTH . . . cm

729 - Printed in France

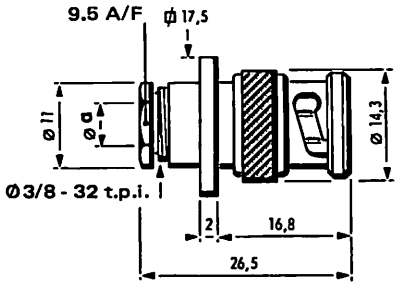
BNC series 50 Ω

★ *Detailed assembly instructions : pages D4- 15 and D4- 16*

▲ *Panel Piercing Dimensions : page B1- 1*

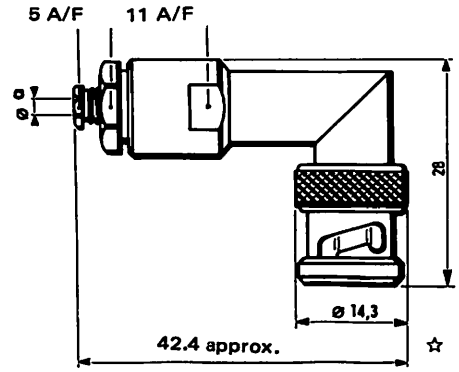
■ *Flange Dimensions : page D4- 2*

Gaskets	N : neoprene S : silicone rubber



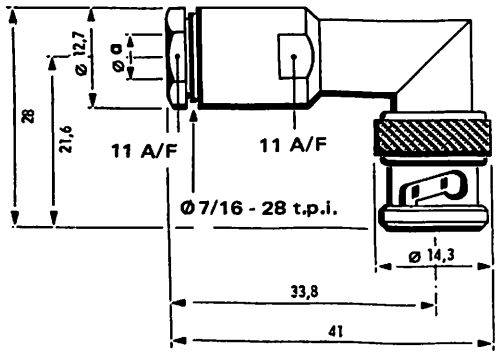
	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE ø a	ASSEMBLY CODE ★	GASKET	WEIGHT g.
STRAIGHT SOLDER CHASSIS PLUG ■						
CODE **R. 141 106**	R. 9 580	5/50	5,55	A	N	16

Panel Piercing code : a1 ▲

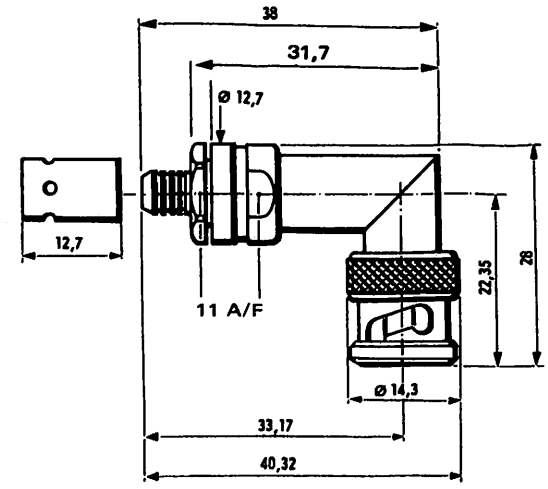


ELBOW SOLDER PLUG							
☆ CODE **R. 141 153**	R. 91 140	2/50	2,2	F	N - S	25
CODE **R. 141 154**	R. 91 150	2,6/50	3	F	N - S	25

☆ *Non stock item - available on special order only.*



ELBOW SOLDER PLUG						
CODE **R. 141 156**	UG. 913A/U R. 91 390	5/50	5,55	C	S	28
CODE **R. 141 157**	R. 9 940	6/75 6/93	6,5	C	S	27,5



ELBOW CRIMP PLUG						
CODE **R. 141 182**	R. 90 990	RG. 58 C/U RG. 141 A/U KX. 15	5,5	G	S	25
CODE **R. 141 184**	R. 91 030	6/75	6,6	H	S	25

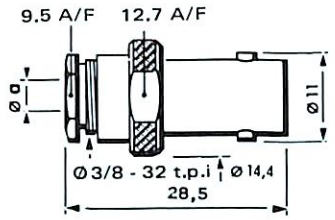
BNC series 50 Ω jacks

★ *Detailed assembly instructions : pages D4- 15 and D4- 16*

▲ *Panel Piercing Dimensions : page B1- 1*

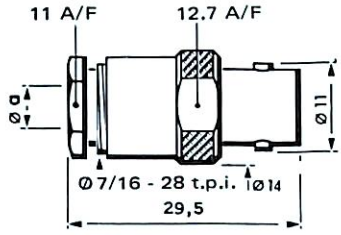
■ *Flange Dimensions : page D4- 2*

Gaskets	N : neoprene S : silicone rubber



STRAIGHT SOLDER JACKS

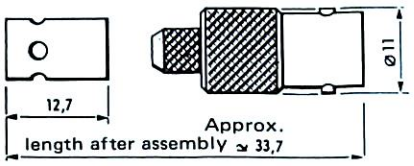
	OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE Ø a	ASSEMBLY CODE ★	GASKET	PANEL ▲ PIERCING CODE	WEIGHT g.
CODE **R. 141 205**	R. 9 960	50 PPD	3,7	A	N		14
CODE **R. 141 206**	UG. 89/U R. 9 230	5/50	5,55	A	N		13
CODE **R. 141 209**	UG. 261/U R. 9 210	6/75	6,5	A	S		12



STRAIGHT SOLDER JACKS

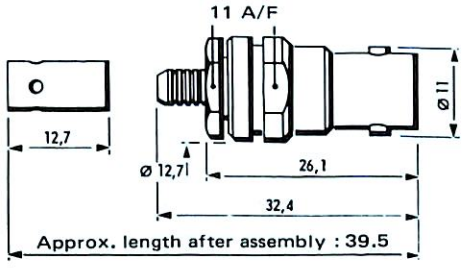
CODE **R. 141 207**	UG. 89 C/U R. 90 140	5/50	5,55	C	S		16,5
CODE **R. 141 208**	R. 90 420	5/50	5,55	E	S		17,5
captive contact							
CODE **R. 141 210**	UG.261 C/U R. 90 150	6/75 6/93	6,5	C	S		16
CODE **R. 141 227** ☆	R. 90 890	141 semi-rigid	3,63	K	S		17

☆ *Non-stock items available on special order only*



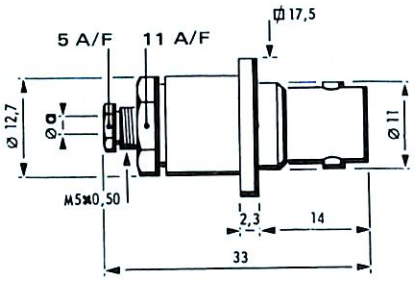
BNC MIL crimp - 50 ohm STRAIGHT CRIMP JACK

CODE **R. 141 237**	UG. 1 794/U	RG. 58C/U RG. 141A/U KX. 15	5.5	J			7



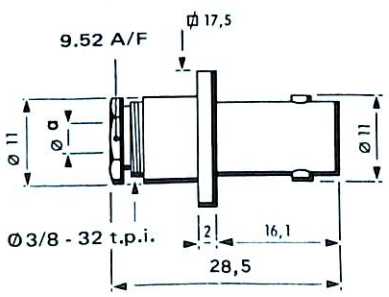
STRAIGHT CRIMP JACKS

CODE **R. 141 238**	R. 90 730	RG.58 C/U RG.141A/U KX. 15	5,5	G			15
CODE **R. 141 239**	R. 91 470	RG.142B/U RG.223/U KX.23	5,5	G			15
CODE **R. 141 240**	R. 90 740	6/75	6,6	H			14,5



CHASSIS JACK ■

CODE **R. 141 253**	R. 90 900	2/50	2,2	F	N	a1	18,5
CODE **R. 141 254**	R. 90 910	2,6/50	3	F	N	a2	



CHASSIS JACK ■

CODE **R. 141 255**	R. 9 970	50 PPD	3,7	A	N	▲	14
CODE **R. 141 257**	UG. 291/U R. 9 240	5/50	5,55	A	N	a1 b1	13
CODE **R. 141 261**	UG. 262/U R. 9 220	6/75	6,5	A	S	▼	12

729 - Printed in France

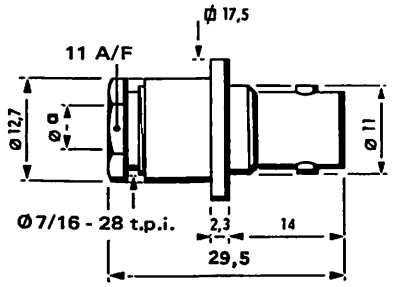
BNC series 50 Ω

★ *Detailed assembly instructions : pages D4- 15 and D4- 16*

▲ *Panel Piercing Dimensions : page B1- 1*

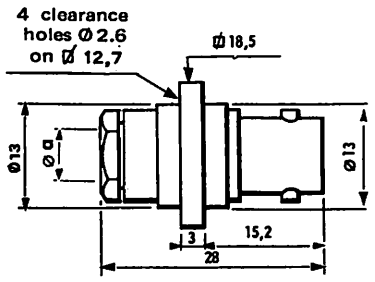
■ *Flange Dimensions : page D4- 2*

Gaskets	N : neoprene S : silicone rubber



CHASSIS JACK ■

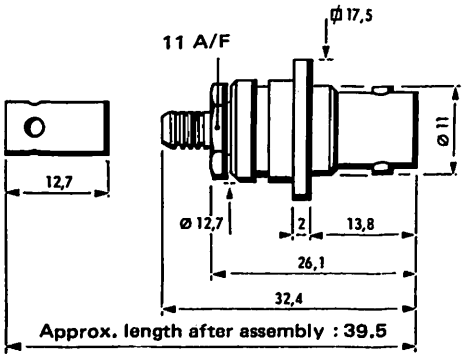
	OTHER PART NUMBER	GROUP CABLE	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★	GASKET	PANEL PIERCING CODE ★	WEIGHT g.
CODE **R. 141 258**	UG. 291 C/U R. 90 170		5,55	C	S		18,5
CODE **R. 141 259** Flange with 4 clearance holes Ø 2.6 on Ø 12.7 ☆	R. 90 680	5,50	5,55	C	S	▲ a2	18,5
CODE **R. 141 260** captive contact	R. 90 430		5,55	E	S	a1	18
CODE **R. 141 262**	UG. 262 C/U R. 90 160	6/75	6,5	C	S	▼	17,5
CODE **R. 141 265** captive contact	R. 90 460	6/93	6,5	E	S		18



INSULATED FLANGE CHASSIS JACK

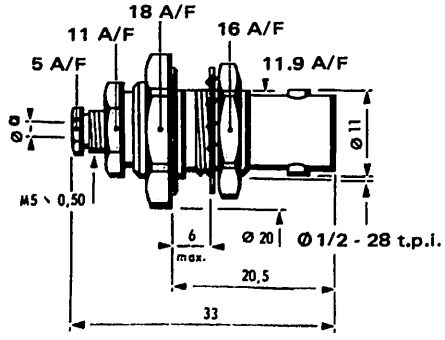
Operating Temperature : - 55° + 100° C

CODE **R. 141 256**	R. 91 070	5/50	5,55	A	S	a40	15
CODE **R. 141 264** ☆	R. 91 060	6/75 6/93	6,5	A	S	a40	15



CRIMP CHASSIS JACK ■

CODE **R. 141 270**		RG. 142 B/U RG. 223/U KX. 23	5,5	G		a2 a1	18,5
CODE **R. 141 282**	R. 90 750	RG. 58 C/U RG. 141 A/U KX. 15	5,5	G		a2 a1	18,5
CODE **R. 141 284**	R. 90 760	6/75	6,6	H		a2 a1	18,5



BULKHEAD JACK

with panel seal

CODE **R. 141 323**	R. 90 600	2/50	2,2	F	N - S	e5	22
CODE **R. 141 324**	R. 90 610	2,6/50	3	F	N - S	e5	20,5

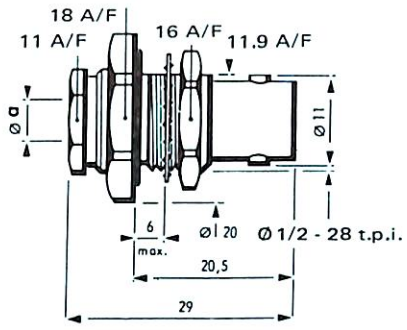
☆ *Non-stock items available on special order only*

★ *Detailed assembly instructions : page D4- 15 and D4- 16*

▲ *Panel Piercing Dimensions : page B1- 1*

■ *Flange dimensions : page D4- 2*

Gaskets	S : silicone rubber

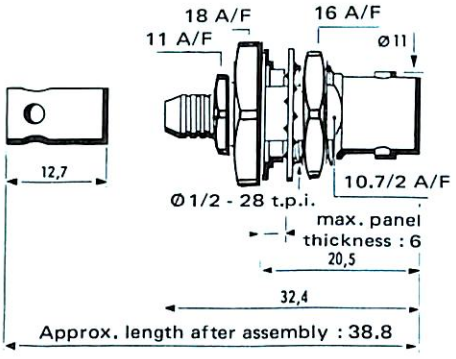


BULKHEAD JACK

with panel seal

CODE **R. 141 327**
equivalent to UG. 909 B/U

CODE **R. 141 329**
equivalent to UG. 910 B/U

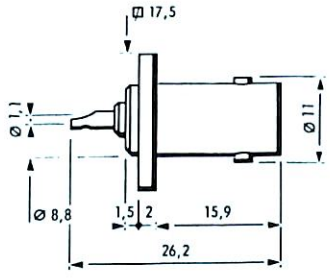


CRIMP BULKHEAD JACK

with panel seal

CODE **R. 141 332**

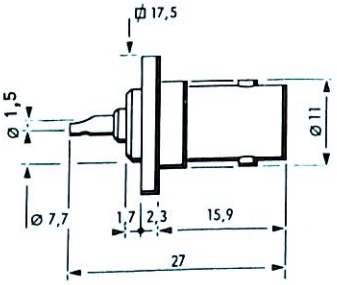
CODE **R. 141 334**



CHASSIS RECEPTACLE ■

CODE **R. 141 403**
4 tapped holes

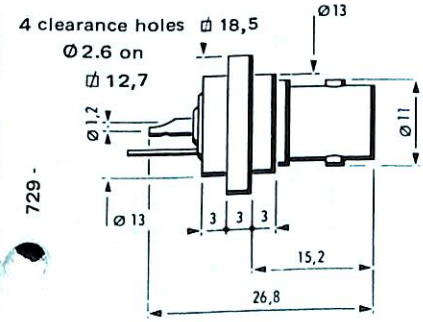
CODE **R. 141 406**
4 clearance holes Ø 2.6 on ⏍ 12.7



CHASSIS RECEPTACLE ■

CODE **R. 141 404**
4 tapped holes

CODE **R. 141 407**
4 clearance holes Ø 2.6 on ⏍ 12.7

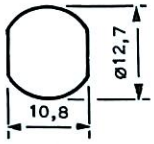


INSULATED FLANGE CHASSIS RECEPTACLE

Operating Temperature : - 55° + 100° C

CODE **R. 141 410**

OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★	GASKET	PANEL PIERCING CODE ▲	WEIGHT g
R. 90 340	5/50	5.55	C	S	e5	20,5
R. 90 360	6/75 6/93	6.5	C	S	e5	19.5
R. 91 010	RG. 58 C/U RG. 141A/U KX. 15	5,5	G	S		21
R. 91 000	6/75	6,6	H	S		21



PANEL PIERCING

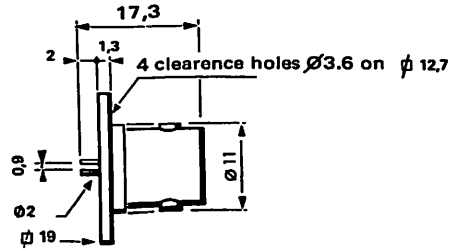
receptacles

UG. 290/U R. 9 010					a3 b1	9,5
R. 90 040					a3 b1	9
UG. 290 A/U R. 9 380					▲ a6	10
R. 90 080					a1	10
R. 90 250					a40	8,5

729 -
ted in France

BNC series 50 Ω

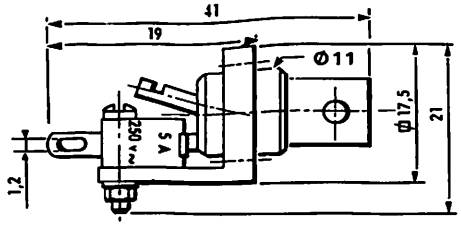
▲ *Panel Piercing Dimensions : page B1- 1* ■ *Flange Dimensions : page D4- 2*



ENLARGED FLANGE STRIP-LINE LAUNCHER

CODE **R. 141 420** ☆

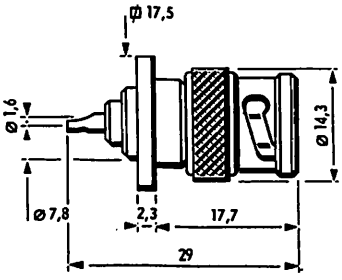
OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
		7



RECEPTACLE WITH AUXILIARY MICROSWITCH ■

CODE **R. 141 439**

OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
R. 91 300		10

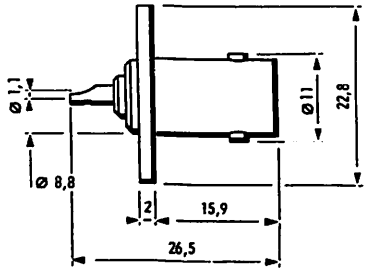


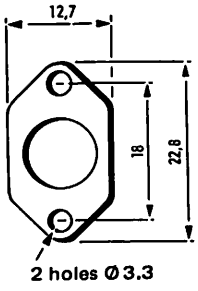
MALE CHASSIS RECEPTACLE

CODE **R. 141 440**

Gasket : silicone rubber

OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
R. 90 050	a6	11

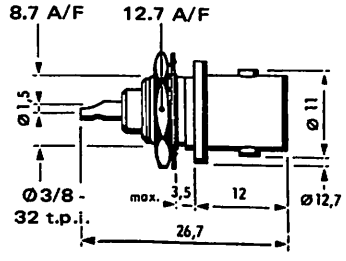




CHASSIS RECEPTACLE TWO HOLE FLANGE

CODE **R. 141 453**

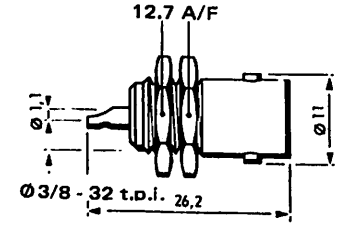
OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
R. 9 100	c1 d1	8,5



BULKHEAD RECEPTACLE

CODE **R. 141 554**

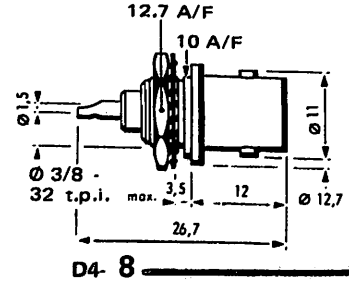
OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
UG. 625 B/U R. 90 500	e4	8



BULKHEAD RECEPTACLE TWO - NUT FIXING

CODE **R. 141 556**

OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
R. 9 590	clearance hole Ø 9.5	7,6



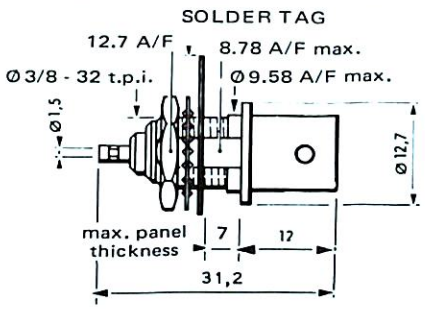
BULKHEAD RECEPTACLE

CODE **R. 141 557**

OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
UG. 1 094/U R. 9 670	e7	7,5

▲ *Panel Piercing Dimensions : pages B1- 1-2*

Gasket	S : Silicone rubber

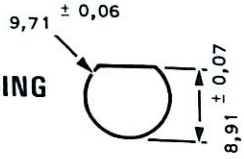


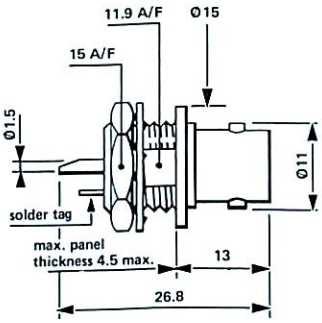
	OTHER PART NUMBER	GASKET	PANEL PIERCING CODE ▲	WEIGHT g.
BULKHEAD RECEPTACLE CODE **R. 141 559**	UG.1094B/U R. 91 260			18

INSULATING WASHER BULKHEAD RECEPTACLE

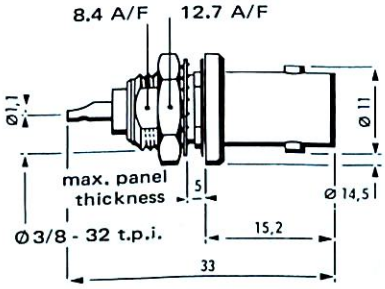
CODE **R. 141 559 + R. 280 902**

PANEL PIERCING

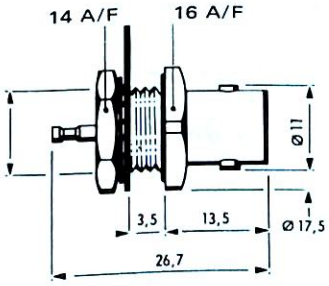




INSULATING BULKHEAD RECEPTACLE CODE **R. 141 572**			e5	

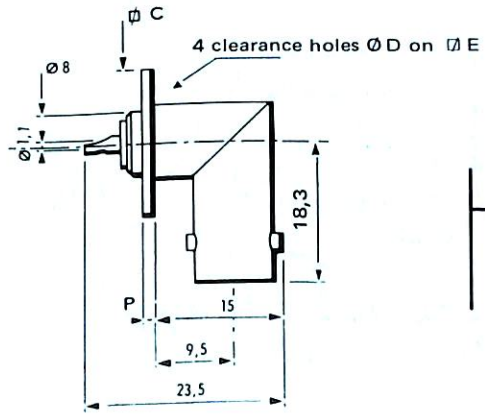


BULKHEAD RECEPTACLE with panel seal dielectric : Rexolite CODE **R. 141 603**	UG. 657/U R. 9 270	S	h1	11



HERMETIC BULKHEAD RECEPTACLE Glass - metal seal CODE **R. 141 625**	R. 90 810	S	Clearance hole Ø 11.1	25

Hermetic from - 40 + 100° C | pressure : 20 kg/cm^2 max. vacuum : 10^{-6} mm Hg



ELBOW CHASSIS RECEPTACLES

CODE	◻ C	P	Ø D	◻ E
R. 141 653	19	1,3	3,2	13,5
R. 141 654	17,5	2	2,6	12,7

	UG. 535/U R. 9 250		a11	12
	R. 90 010		a6	12,5

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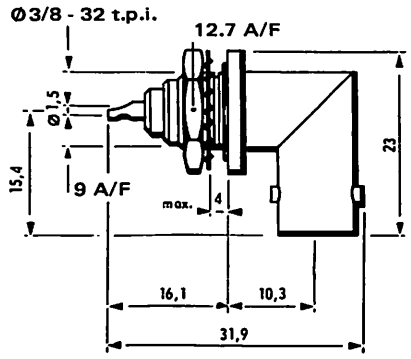
BNC series 50 Ω

▲ *Panel Piercing : pages B1- 1-2.*

■ *Flange Dimensions : page D4- 2*



ELBOW BULKHEAD RECEPTACLE

with panel seal

CODE **R. 141 680**

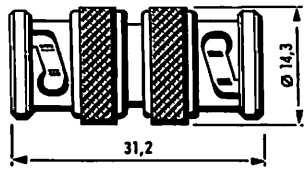
OTHER PART NUMBER	GASKET	PANEL PIERCING CODE ★	WEIGHT g.
UG. 1 098/U R. 9 450	S	e1	13,5

D 4

adaptors

ADAPTOR M - M

CODE **R. 141 703**



Other Part Numbers :

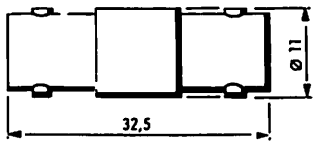
UG. 491 B/U
R. 90 650

Weight : 18 g.

Gasket :
silicone rubber

ADAPTOR F - F

CODE **R. 141 704**



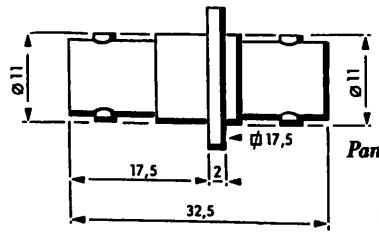
Other Part Numbers : UG. 914/U
R.9 290

Weight : 10.5 g.

CHASSIS ADAPTOR F - F ■

CODE **R. 141 710**

Other Part Numbers : UG. 414 A/U
R.9 300



Panel Piercing code :
a1 ▲

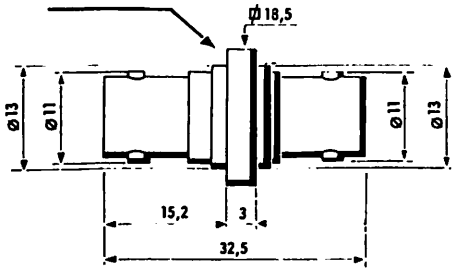
Weight : 14 g.

INSULATED FLANGE CHASSIS ADAPTOR F - F

Operating temperature range : - 55 + 100° C

CODE **R. 141 717**

4 clearance holes Ø 2.6 on Ø 12.7



Other Part Number :
R. 91 080

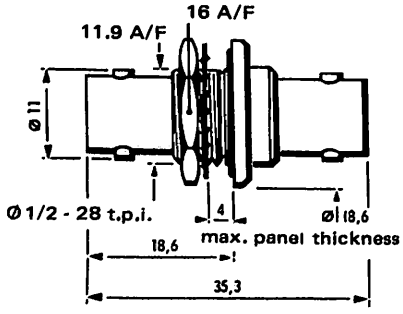
Panel Piercing code :
a 40 ▲

Weight : 12.5 g.

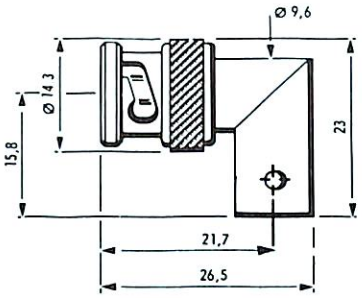
HERMETIC BULKHEAD ADAPTOR F - F

glass metal seal

CODE **R. 141 753**



Other Part Numbers : UG. 492 B/U R. 9 330	*Panel Piercing code :* *e5* ▲
Gasket : silicone rubber	Weight : 18 g.
Hermetic from - 45 at + 100° C	pressure : 20 kg/cm^2 vacuum : 10^{-6} mm Hg



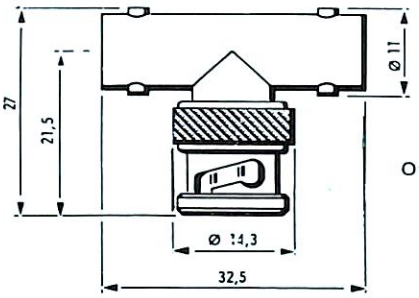
ELBOW ADAPTOR M - F

CODE **R. 141 770**

Other Part N° : UG. 306 B/U
R. 90 230

Gasket : silicone rubber

Weight : 13.5 g.



TEE ADAPTOR F - F / M

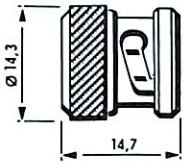
CODE **R. 141 780**

Other Part N° : UG. 274 B/U
R.90 330

Gasket : silicone rubber

Weight : 17 g.

dust_caps



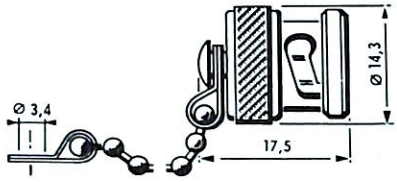
CAP FOR JACKS AND RECEPTACLES

CODE **R. 141 802**

Other Part N° : CW. 155 A/U
R. 90 220

Gasket : silicone rubber

Weight : 6.5 g.



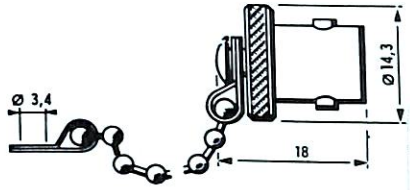
CAP AND CHAIN FOR JACKS AND RECEPTACLES

CODE **R. 141 812**

Other Part N° : CW 123 A/U

Gasket : silicone rubber
Chain length : 70 mm

Weight : 9 g.



CAP AND CHAIN FOR PLUGS

CODE **R. 141 842**

Other Part N° : CW. 282/U
R. 9 720

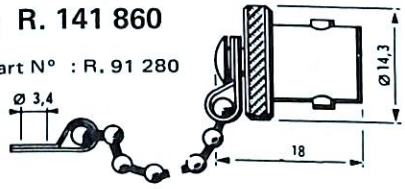
Chain length : 70 mm

Weight : 7.5 g.

SHORT - CIRCUIT CAPS WITH CHAIN

CODE **R. 141 860**

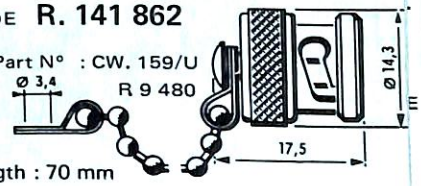
Other Part N° : R. 91 280



Chain length : 70 mm Weight : 10 g.

CODE **R. 141 862**

Other Part N° : CW. 159/U
R 9 480



Chain length : 70 mm

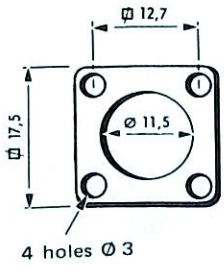
Weight : 11 g. Gasket : silicone rubber

NEOPRENE FLANGE GASKET

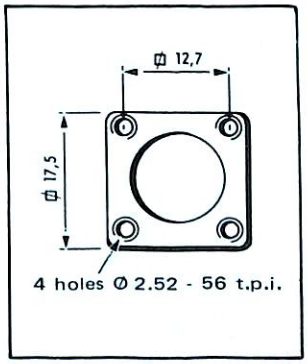
CODE **R. 280 503**

Other Part N° : R. 9 366

Weight : 0,4 g.



■ FLANGE DIMENSIONS



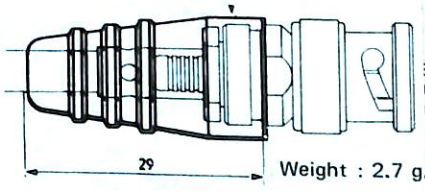
NEOPRENE BOOT

for crimp connectors

CODE **R. 280 555**

Other Part N° : R. 90 635

Provides a splash proof seal between cable and connector.
Ø 16.5 after assembly



Weight : 2.7 g.

BNC series 50 Ω

compatable devices

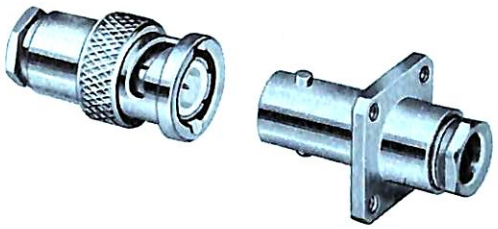
- Coaxial relays and switches . . . . . *see J catalogue*
- Coaxial microwave devices . . . . . *see H catalogue*
- Inter-series adaptors . . . . . *see D catalogue*

adaptors to the other connectors types

1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE	1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE
BNC male	APC 7	R. 191 013	BNC female	APC 7	R. 191 015
—	SubVIS male	R. 191 117	—	SubVIS male	R. 191 120
—	SubCLIC male	R. 191 209	—	SubVIS female	R. 191 123
—	RiM female (SMA)	R. 191 305	—	SubCLIC male	R. 191 212
—	TNC female	R. 191 403	—	SubCLIC female	R. 191 215
—	mQ female	R. 191 411	—	RiM male (SMA)	R. 191 303
—	N female	R. 191 419	—	TNC male	R. 191 405
—	UHF female	R. 191 445	—	mQ male	R. 191 413
—	2 D4 for banana plug 4 mm	R. 191 453	—	mQ female	R. 191 416
			—	N male	R. 191 421
			—	N female	R. 191 422
			—	N female	R. 191 424
			—	C male	R. 191 429
			—	UHF male	R. 191 447
			—	HN male	R. 191 449
			—	2 B4 for banana plug 4 mm	R. 191 455

FULLY ADAPTED 75 OHM CHARACTERISTIC IMPEDANCE

BNC series 75 Ω



GENERAL CHARACTERISTICS

These connectors can be mated with those models from the standard 50 Ohm BNC range. The coupling conforms to MIL - C - 39 012 and the connectors have been fully adapted to a characteristic impedance of 75 Ohm.

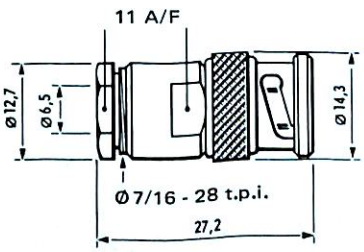
A mated pair of these 75 Ohm connectors may be used in operations up to 1 000 MHz with an extremely small mismatch.

- Characteristic impedance : 75 Ohm
- V.S.W.R. of a mated pair : less than 1.20 at 1 000 MHz

All other characteristics identical to the standard BNC 50 Ohm series.

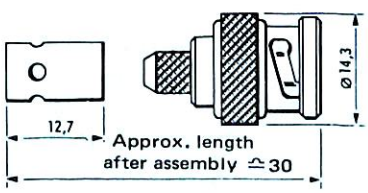
plugs

★ *Detailed assembly instructions : pages D4- 15 - 16*



STRAIGHT SOLDER PLUG

CODE **R. 141 016**



STRAIGHT CRIMP PLUG

CODE **R. 141 076**

CODE **R. 141 085**

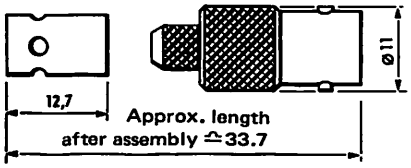
OTHER PART NUMBER	CABLE GROUP	ASSEMBLY CODE ★	WEIGHT g.
UG. 260 F/U	RG. 59 B/U RG. 140/U KX. 6 A KX. 25 KX. 52 KX. 53	C	14
	RG. 187 A/U RG. 179 B/U	G1	5
UG. 1789/U	RG. 59 B/U RG. 140/U KX. 6 A KX. 25 KX. 52 KX. 53	J	8,5

Printed in France

BNC series 75 Ω

★ *Detailed assembly instructions : pages D4- 15-16*
▲ *Panel Piercing Dimensions : page B1- 1*
■ *Flange dimensions : page D4- 2*

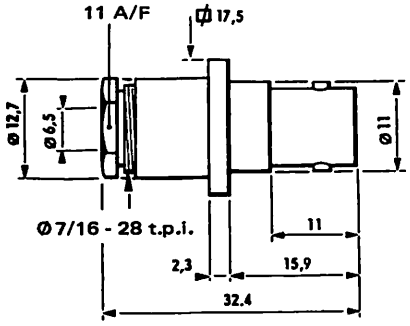
jacks



STRAIGHT CRIMP JACK

CODE **R. 141 242**

OTHER PART NUMBER	ASSEMBLY CODE ★	WEIGHT g.
UG. 1 798/U	J	7



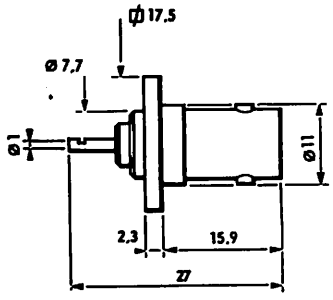
CHASSIS JACK ■

CODE **R. 141 268**

OTHER PART NUMBER	ASSEMBLY CODE ★	WEIGHT g.
UG. 262 D/U	C	12

D
4

receptacles



CHASSIS RECEPTACLE ■

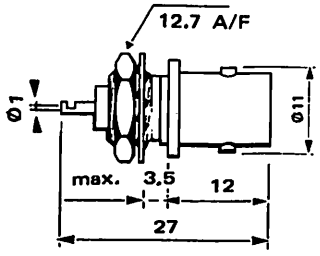
CODE **R. 141 412**

Replaces : R. 141 409

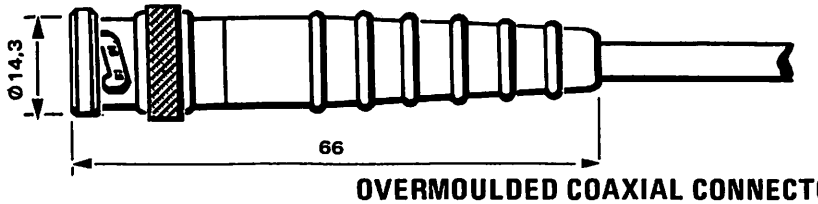
BULKHEAD RECEPTACLE

CODE **R. 141 562**

Panel Piercing Code : e1 ▲



PLUGS - ASSEMBLED AND OVERMOULDED ON 75 Ω CABLE TYPES RG. 59 B/U or KX. 6 A.

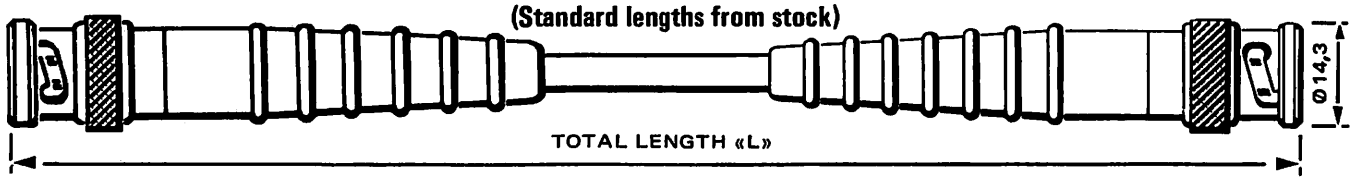


CODE **R. 141 062**

Other Part N° : R. 90 780

OVERMOULDED COAXIAL CONNECTOR/CABLE ASSEMBLIES

(Standard lengths from stock)



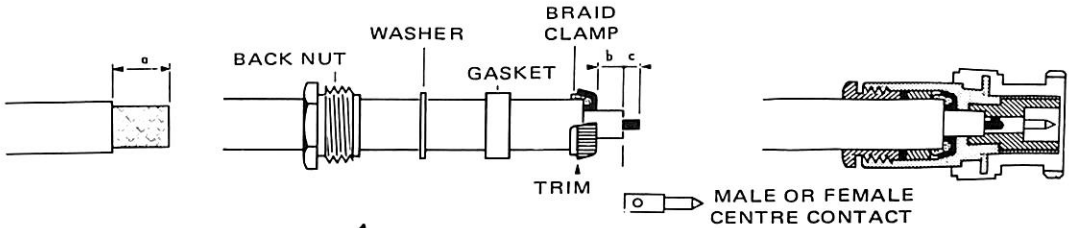
CODE FOR STANDARD ASSEMBLY	CONNECTOR CODES	CABLE	TOTAL LENGTH «L»
R. 285 434	R. 141 062 + R. 141 062	RG. 59 B/U - KX. 6 A	50 centimetres
R. 285 435	R. 141 062 + R. 141 062	RG. 59 B/U - KX. 6 A	100 centimetres
R. 285 436	R. 141 062 + R. 141 062	RG. 59 B/U - KX. 6 A	150 centimetres

OVERMOULDED COAXIAL CONNECTOR/CABLE ASSEMBLIES SIMILAR TO THE

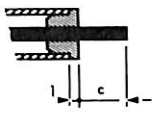
above but of different length may be ordered by quoting the following :

Plug : R. 141 062 / cable KX. 6 A / Plug : R. 141 062 Total length . . . cm

STANDARD TYPES FITTED WITH PLAIN GASKET



a	b	c	CODE
7	3,5	2.5	A
9	5,5	2.5	B

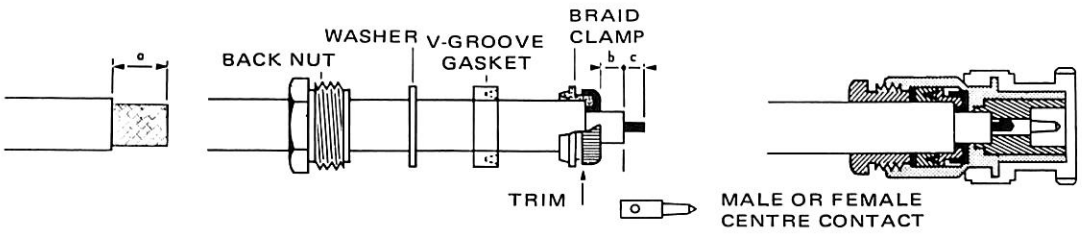


For air - spaced cables

reduce dimension « **b** » by 1 mm

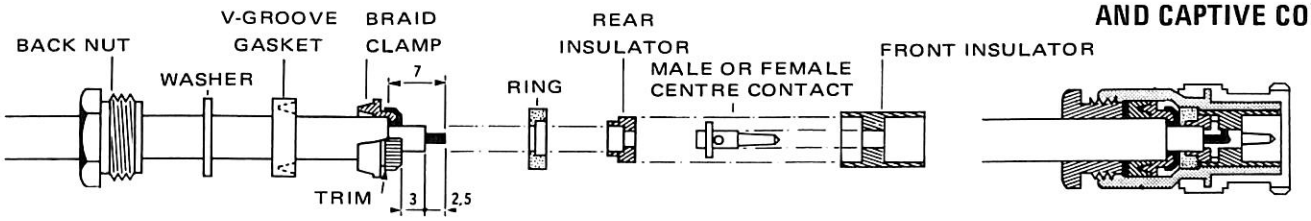
Introduce the insulating spacer into the dielectric and solder the centre-contact flush against the spacer.

IMPROVED TYPES FITTED WITH V - GROOVE GASKET



a	b	c	CODE
7	3	2.5	C
6	1	3	D

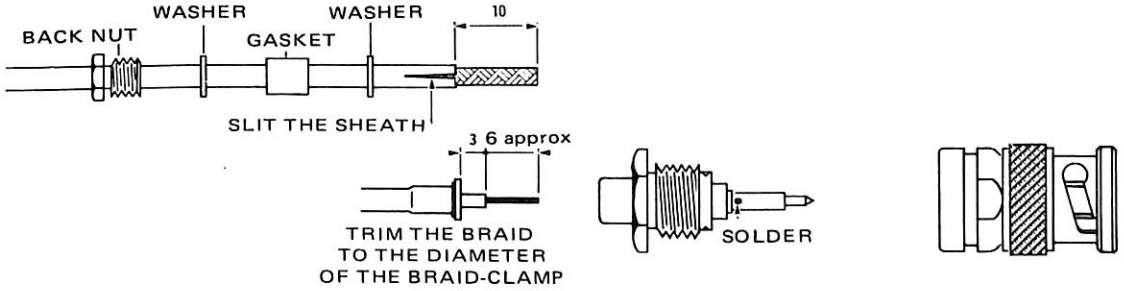
IMPROVED TYPES FITTED WITH V - GROOVE GASKET AND CAPTIVE CONTACT



CODE **E**

STANDARD TYPES FITTED WITH PLAIN GASKET

for use with cables Ø 2.0 to 2.6 mm



CODE **F**

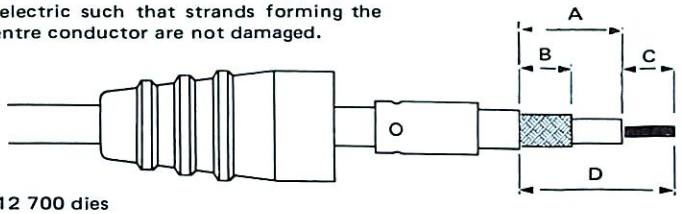
BNC series

CRIMP CONNECTORS

CODE

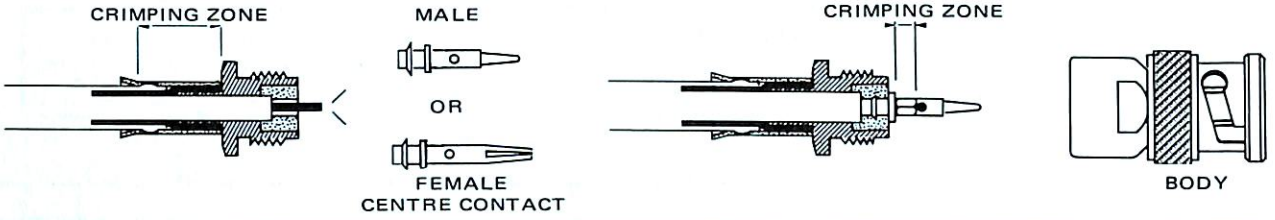
G AND **G1**

Care must be taken when stripping the dielectric such that strands forming the centre conductor are not damaged.



	G1	G
A	14	12,5
B	9	6,5
C	3	6,5
D	17	19

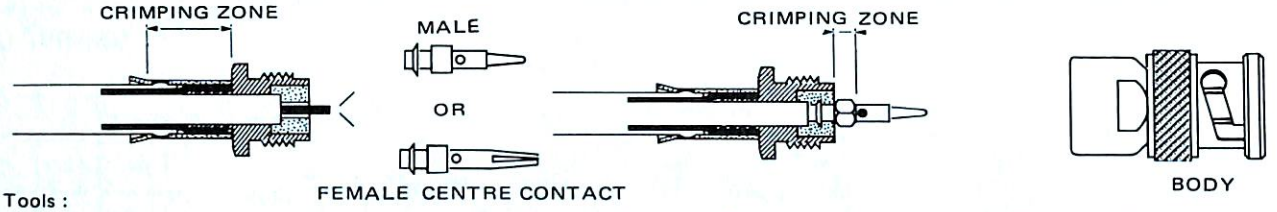
Crimping Tools :
THOMAS AND BETTS WT 308
or BUCHANAN M 22910/7-1 with N° 612 700 dies
or ERMA 29010 with N° 29291 DIES



D
4

CODE

H

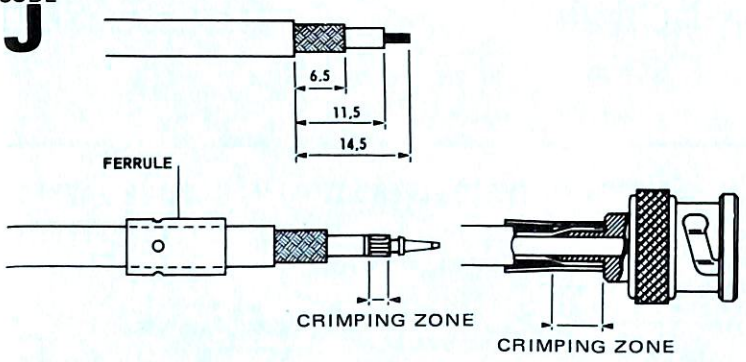


FEMALE CENTRE CONTACT

Crimping Tools :
THOMAS and BETTS WT 311 or BUCHANAN M 22910/7 -1 with N° 612995 or N° 613885 or ERMA 29 010 with N° 29292 dies.

CODE

J

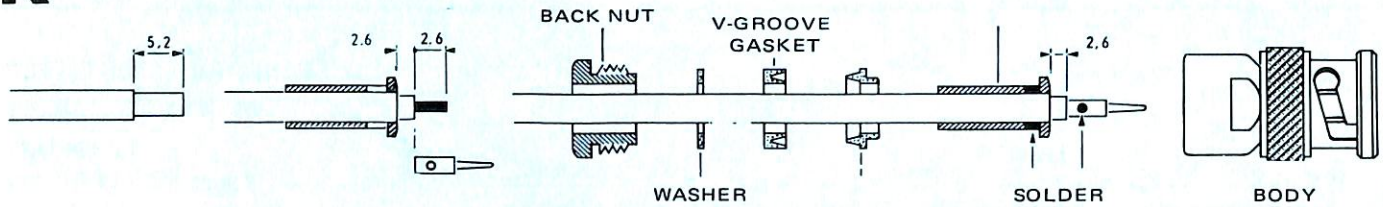


CRIMPING TOOLS

CRIMP PLIERS	DIE REFERENCE 50 Ω CABLES	DIE REFERENCE 75 Ω CABLES
BUCHANAN 612 648 (MIL - T - 22910/7-1)	612 700 or 600195	613 842 or 612995 or 600195
THOMAS AND BETTS (TOOLS with fixed dies)	WT 308	WT 311
ERMA 29010	29291	29292

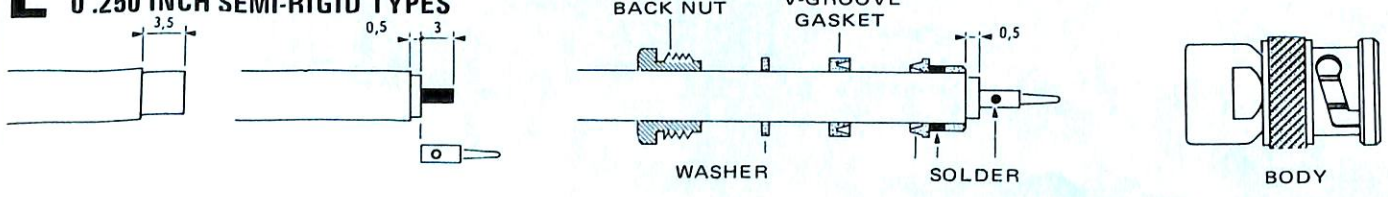
CODE

K **0 . 141 INCH SEMI-RIGID CABLE TYPES**

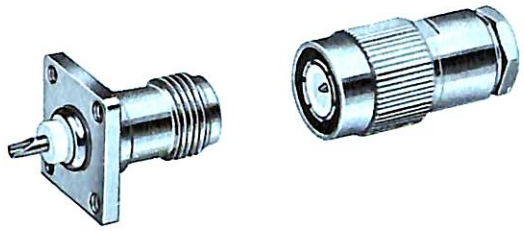


CODE

L **0 .250 INCH SEMI-RIGID TYPES**



TNC series



GENERAL CHARACTERISTICS

Specifications : MIL - C - 23 329 A (SHIPS)
MIL - C - 39 012 B

The connectors in this series differ only from those of the BNC series in that they are screw coupling instead of bayonet coupling.

- Splash proof connections
- Materials : metal parts : brass
  flexible contacts : heat treated beryllium bronze
  insulators : teflon
  gaskets : silicone rubber
- Plating : N.S.R.
- Operating temperature range : - 55 + 155° C
- High resistance to vibration
- Improved cable clamping by V groove gasket

ELECTRICAL CHARACTERISTICS

- Characteristic impedance : 50 ohm
- Operating frequency range : 0 to 11 000 MHz
- V.S.W.R. : less than 1.15 to 3 000 MHz
- V.S.W.R. : less than 1.30 from 3 000 to 11 000 MHz
- Test voltage : 1 500 V.r.m.s.
- Recommended maximum continuous voltage : 1 000 volts peak
- Contact arcing avoided by use of rigid coupling giving good electrical continuity thus allowing possible use up to 11 000 MHz.

COAXIAL CABLES recommended to use with the TNC Series :

1) Flexible coaxial cables

The groups are designated by the external diameter of the cable in mm/characteristic impedance.

GROUP 2/50	GROUP 2.6/50	GROUP 2.6/75	GROUP 5/50	GROUP 6/75	GROUP 6/93	GROUP 10/50	GROUP 11/50
50 Ω	50 Ω	75 Ω ★	50 Ω	75 Ω	93 Ω	50 Ω	50 Ω
RG. 178 B/U	RG. 174/U	RG. 179 B/U	RG. 58 C/U	RG. 59 B/U	RG. 62 A/U	RG. 165/U	RG. 214/U
RG. 196 A/U	RG. 188 A/U	RG. 187 A/U	RG. 141 A/U	RG. 140/U	RG. 71 B/U	RG. 213/U	RG. 225/U
	RG. 316/U		RG. 142 B/U			RG. 215/U ○	
KX. 21 A			RG. 223/U	KX. 6 A	KX. 30		KX. 13
	KX. 3 A			KX. 25		KX. 4	KX. 24
	KX. 22 A		KX. 15	KX. 53	130 Ω		
			KX. 23		125 PMSA		

○ Armoured cables requiring an armour clamp.

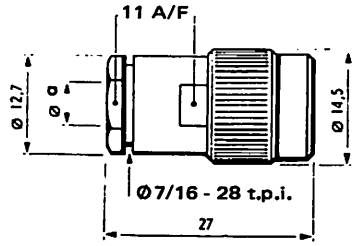
★ The connectors for cable group 2.5/50 can also be used for cables 2.6/75. It is only necessary to order a different braid clamp which should be used in place of that supplied with the connector.

2) Semi-Rigid Coaxial Cables

Ø3.58 mm = . 141 inch
Ø6.35 mm = . 250 inch

7210 - Printed in France

★ *Detailed Assembly instructions are shown on pages D5- 7 - 8*



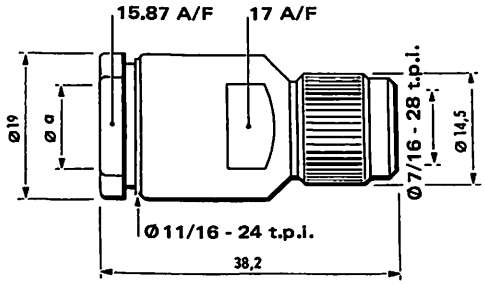
STRAIGHT SOLDER PLUG

CODE **R. 143 008**

CODE **R. 143 012**

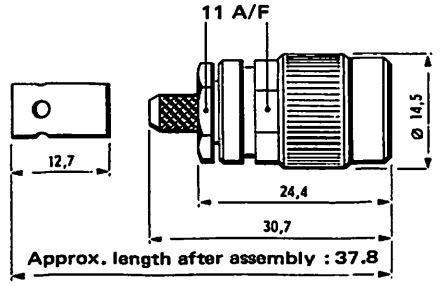
CODE **R. 143 052**

CODE **R. 143 053**



STRAIGHT SOLDER PLUG

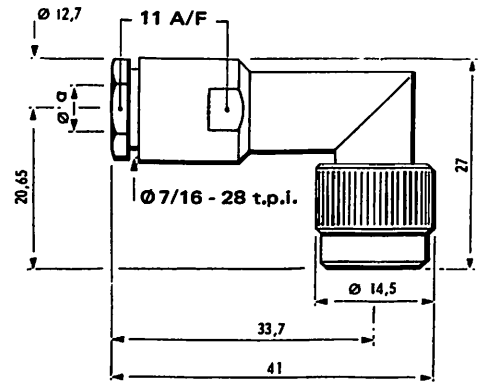
CODE **R. 143 018**



STRAIGHT CRIMP PLUG

CODE **R. 143 072**

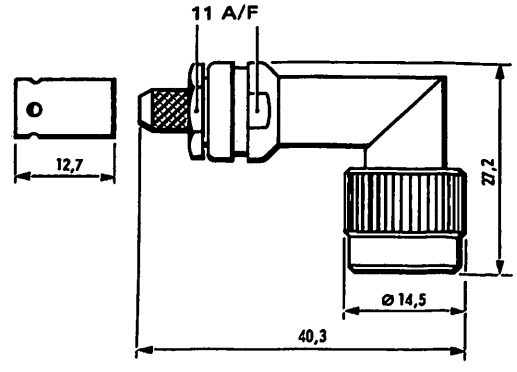
CODE **R. 143 074**



ELBOW SOLDER PLUG

CODE **R. 143 156**

CODE **R. 143 157**



ELBOW SOLDER PLUG

CODE **R. 143 182**

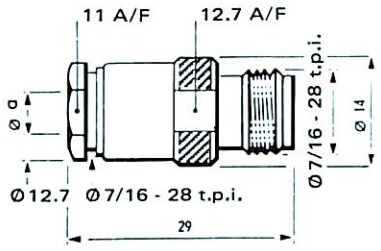
CODE **R. 143 184**

	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE ø a	ASSEMBLY CODE ★	WEIGHT g.
CODE R. 143 008	R. 19 010	5/50	5.6	A	18
CODE R. 143 012	R. 19 040	6/75 6/93	6.5	A	17
CODE R. 143 052	R. 19 210	. 141	3.63	E	20
CODE R. 143 053	R. 19 200	. 250	6.4	F	17
CODE R. 143 018	R. 19 330	10/50 11/50	11.2	B	42
CODE R. 143 072	R. 19 220	RG. 58 C/U RG. 141 A/U KX. 15	5.5	C	17
CODE R. 143 074	R. 19 230	6/75	6.6	D	17
CODE R. 143 156	R. 19 070	5/50	5.6	A	29
CODE R. 143 157	R. 19 080	6/75 6/93	6.5	A	28.5
CODE R. 143 182		RG. 58 C/U RG. 141 A/U KX. 15	5.5	C	26.5
CODE R. 143 184		6/75	6.6	D	26

★ *Detailed assembly instructions are shown on pages D5- 7 and 8*

▲ *Panel Piercing Dimensions are shown on pages B1- 1 and 2*

□ *Flange Dimensions are shown on page D5- 6*

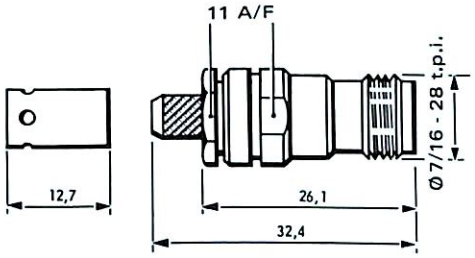


STRAIGHT SOLDER JACK

CODE **R. 143 207**

CODE **R. 143 210**

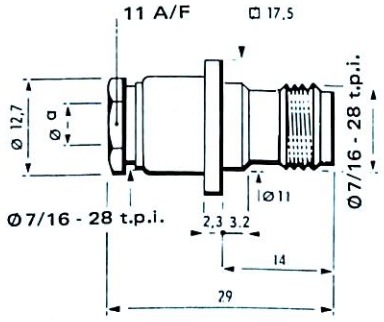
CODE **R. 143 227**



STRAIGHT CRIMP JACK

CODE **R. 143 238**

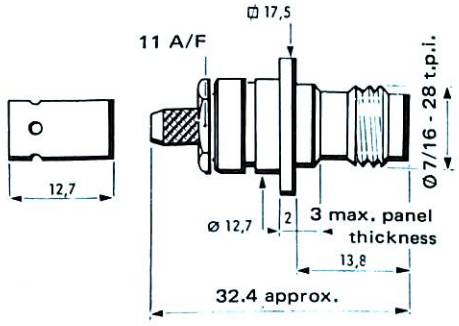
CODE **R. 143 240**



CHASSIS JACK □

CODE **R. 143 258**

CODE **R. 143 262**

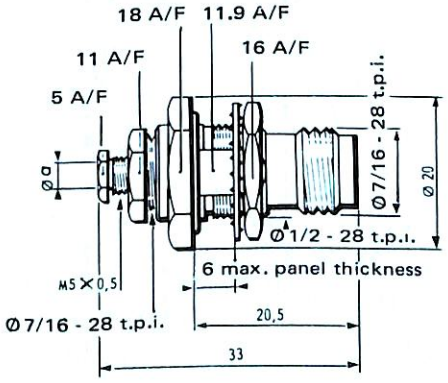


CRIMP CHASSIS JACK □

CODE **R. 143 282**

CODE **R. 143 284**

▲ *Panel Piercing : code a1 or a2*



BULKHEAD JACK

with panel seal

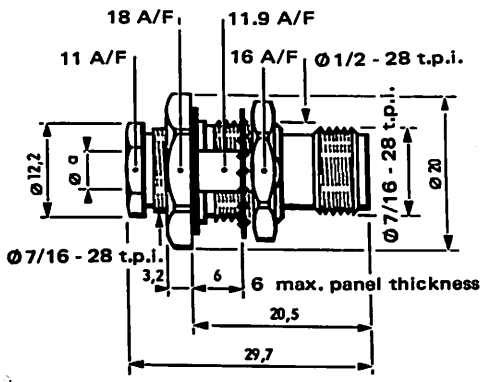
CODE **R. 143 323**

CODE **R. 143 324**

	OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE Ø a	ASSEMBLY CODE ★	WEIGHT g.
CODE R. 143 207	R. 19 020	5/50	5.6	A	17
CODE R. 143 210	R. 19 050	6/75 6/93	6.5	A	16.5
CODE R. 143 227	R. 19 270	. 141	3.63	D	18
CODE R. 143 238		RG. 58 C/U RG. 141 A/U KX. 15	5.5	C	
CODE R. 143 240		6/75	6.6	D	
CODE R. 143 258	R. 19 030	5/50	5.6	A	19
CODE R. 143 262	R. 19 060	6/75 6/93	6.5	A	18
CODE R. 143 282	R. 19 340	RG. 58 C/U RG. 141 A/U KX. 15	5.5	C	
CODE R. 143 284	R. 19 350	6/75	6.6	D	
CODE R. 143 323	R. 19 260	2/50	2.2	G	
CODE R. 143 324	R. 19 250	2.6/50	3	G	

7210 - Printed in France

★ *Detailed assembly instructions are shown on pages D5-7 and 8*
▲ *Panel Piercing dimensions are shown on pages B1- 1 and 2*
□ *Flange dimensions are shown on page D5- 6*



BULKHEAD JACK

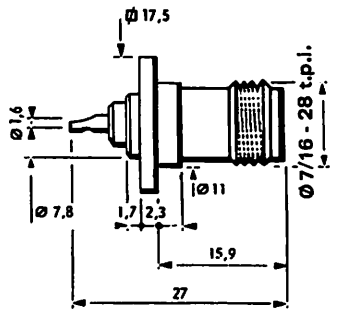
with panel seal

CODE **R. 143 337**

▲ *Panel Piercing : e5*

OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★
R. 19 320	. 141	3.63	E

receptacles



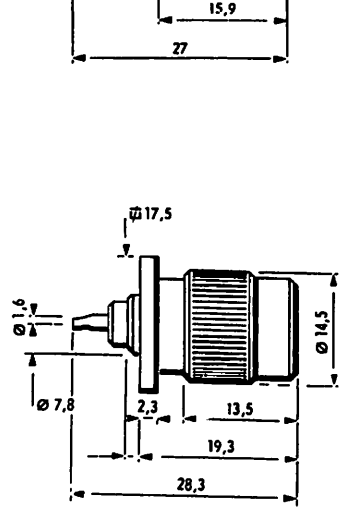
CHASSIS RECEPTACLE □

CODE **R. 143 404**

CODE **R. 143 405**

Flange with 4 clearance holes Ø2.6

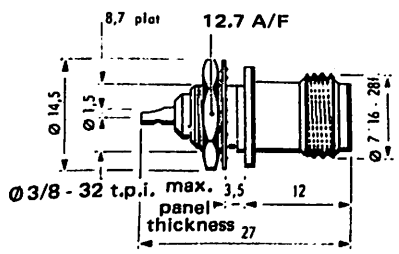
OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
R. 19 000	a6 or a1	10.5
	a6 or a1	



MALE CHASSIS RECEPTACLE □

CODE **R. 143 440**

R. 19 190	a6	10



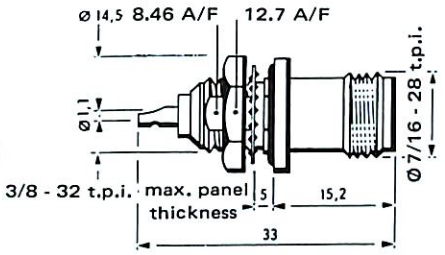
BULKHEAD RECEPTACLE

CODE **R. 143 557**

R. 19 090	e7	8

▲ *Panel Piercing Dimensions are shown on pages B1- 1 and 2*

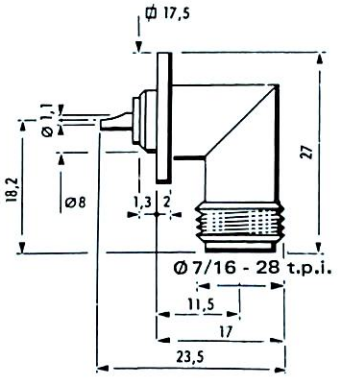
□ *Flange Dimensions are shown on page D5- 6*



BULKHEAD RECEPTACLE

with pressure seal from 0 + 40° C

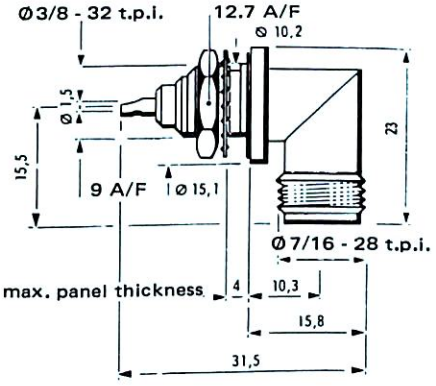
CODE **R. 143 603**



ELBOW CHASSIS RECEPTACLE □

flange with 4 clearance holes Ø 2.6

CODE **R. 143 654**



ELBOW BULKHEAD RECEPTACLE

with panel seal

CODE **R. 143 680**

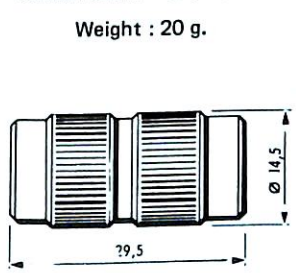
OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
R. 19 170	H1	11.5
R. 19 160	a6	12.5
R. 19 180	e1	14

STRAIGHT ADAPTOR M - M

CODE **R. 143 703**

Other Part N : R. 19 150

Weight : 20 g.

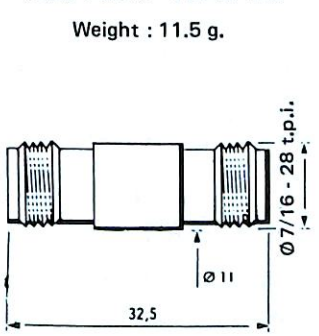


STRAIGHT ADAPTOR F - F

CODE **R. 143 704**

Other Part N : R. 19 130

Weight : 11.5 g.

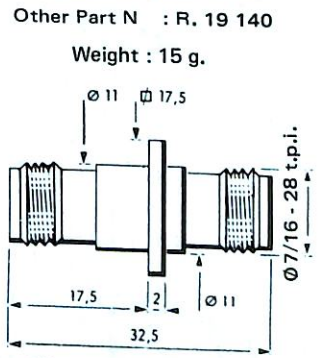


CHASSIS ADAPTOR F - F □

CODE **R. 143 710**

Other Part N : R. 19 140

Weight : 15 g.



Panel Piercing : Code a1 ▲

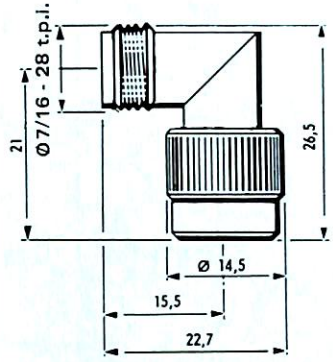
TNC series

ELBOW ADAPTOR F - M

CODE **R. 143 770**

Other Part N° : R. 19 100

Weight : 15 g.

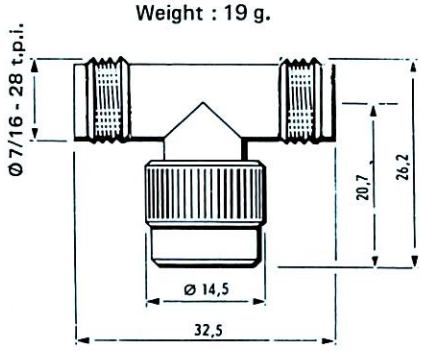


TEE ADAPTOR F - F / M

CODE **R. 143 780**

Other Part N° : R. 19 110

Weight : 19 g.

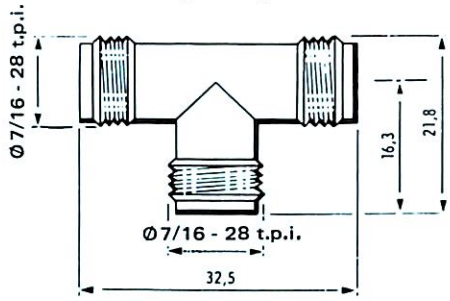


TEE ADAPTOR F - F / F

CODE **R. 143 782**

Other Part N° : R. 19 280

Weight : 17 g.



Non-stock item available only on special order

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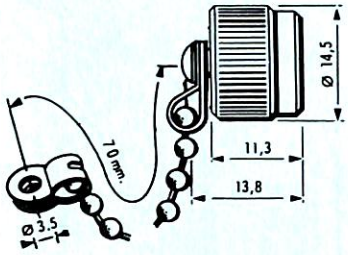
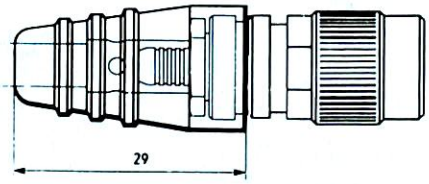
5



CAP AND CHAIN for jacks and RECEPTACLES

CODE **R. 143 812**

Other Part N° : R. 19 120

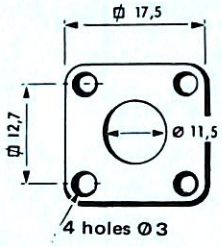


NEOPRENE BOOT

CODE **R. 280 555**

Weight : 2.7 g.

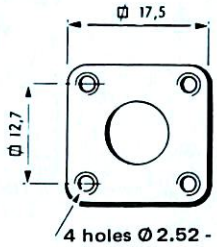
Ensures a splash proof seal between cable and connector.



NEOPRENE FLANGE GASKET

CODE **R. 280 503**

Other Part N° : R. 9 366



□ **FLANGE DIMENSIONS**

COAXIAL CABLING ACCESSORIES

See Page E 16

Back entry glands for various TNC connectors
Bulkhead cable feed-throughs
Bulkhead dielectric feed - throughs

COAXIAL SWITCHING DEVICES

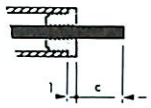
Relays . . . . . *see page J1*
Toggle switches . . . . . *see page J3*
Rotary switches . . . . . *see page J10*

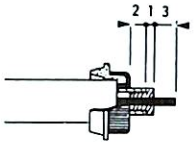
COAXIAL DEVICES FITTED WITH TNC CONNECTORS

Coaxial terminations . . . . . *see page H2*
Coaxial attenuators . . . . . *see page H3*

1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE	OTHER PART N°	WEIGHT g
TNC male	BNC fem.	R. 191 405	R. 20 500	17
–	N fem.	R. 191 511	R. 20 520	40
–	RiM male	R. 191 309	R. 20 860	53
–	RiM fem.	R. 191 313	R. 20 790	55
TNC fem.	BNC male	R. 191 403	R. 20 510	5
–	N male	R. 191 513	R. 20 530	26
–	RiM male	R. 191 311	R. 20 850	54
–	RiM fem.	R. 191 315	R. 20 840	56

assembly instructions

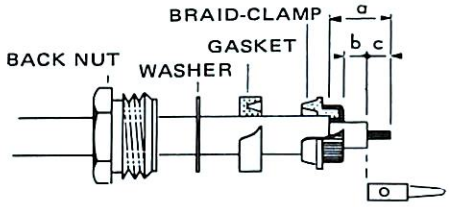




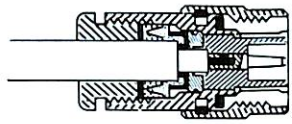
For air - spaced cables

reduce dimension « **b** » by 1 mm

Introduce the insulating spacer into the dielectric and solder the centre-contact flush against the spacer.

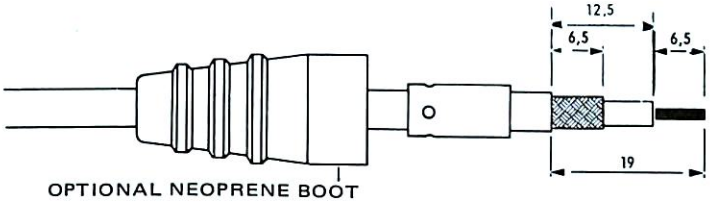


IMPROVED BRAID - CLAMP WITH V - GROOVE GASKET



a	b	c	Assembly CODE
7	3	2,5	**A**
6	1	3	**B**

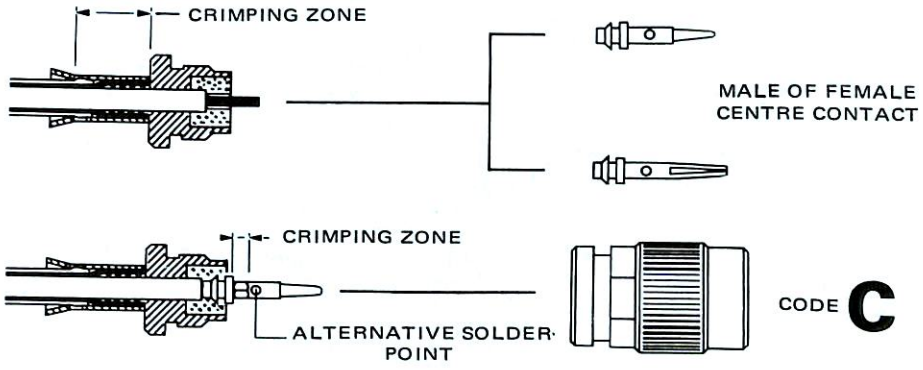
CRIMP CONNECTORS



For cables with a stranded centre - conductor avoid damage to the strands.

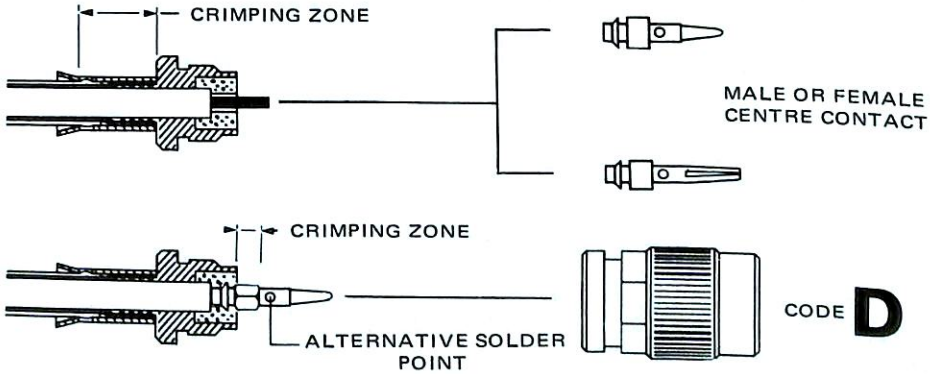
Cables
RG. 58 C/U
RG. 141 A/U
KX. 15

Crimp tool
BUCHANAN
MIL - T - 22 910/7 - 1
dies 612 700
or Thomas and Betts WT. 308
or ERMA 29 010 with N° 29291 dies



Cables
RG. 59 B/U - RG. 140/U
KX. 6 A - KX. 25
KX. 52 - KX. 53

Crimp tool
BUCHANAN
MIL - T - 22 910/7 - 1
dies 612 995 or 613 842
or Thomas and Betts WT. 311
or ERMA 29 010 with N° 29292 dies

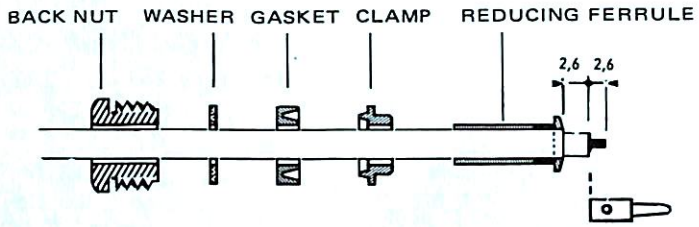


7210 - Printed in France

SEMI - RIGID CABLES

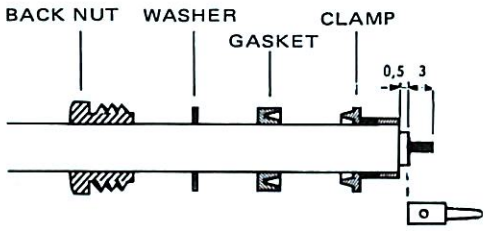
.141 CABLE

CODE **E**



.250 CABLE

CODE **F**

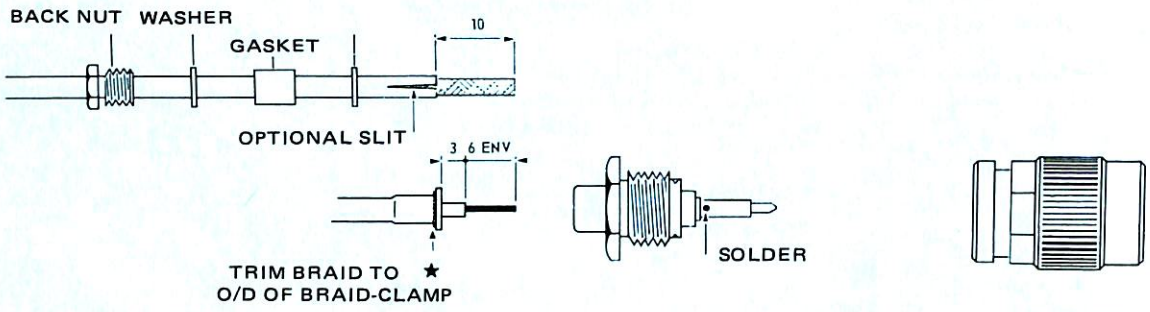


D
5

STANDARD BRAID - CLAMP WITH PLAIN GASKET

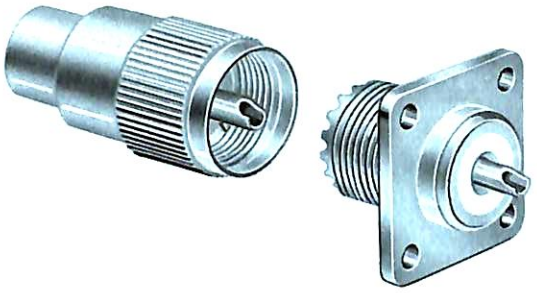
for cables Ø 2.0 mm/50 Ω
Ø 2.6 mm/50 Ω
Ø 2.6 mm/75 Ω

CODE **G**



★ *for 75 Ω cables use braid-clamp code R. 280 603*

UHF series



GENERAL CHARACTERISTICS

- Method of coupling makes relative rotation of mated connectors impossible.
- Materials : metal parts : brass
  insulators : teflon, bakelite or styramic
- Plating : NSR - centre contact silver
- Operating temperature range :
  teflon : - 55 + 155° C
  bakelite : - 40 + 155° C
  styramic: - 40 + 70° C
- Female centre contacts have a 4 mm diameter hole permitting electrical tests using a standard 4 mm banana plug.

ELECTRICAL CHARACTERISTICS

- Maximum operating frequency : 500 MHz
- Test voltage : 2 000 volts - 50 Hz

COAXIAL CABLES recommended for use with the UHF series

GROUP 5/50	GROUP 6/75	GROUP 6/93	GROUP 10/50	GROUP 10/75	
50 Ω	**75 Ω**	**100 Ω**	**50 Ω**	**75 Ω**	
RG. 58 C/U	RG. 59 B/U	RG. 62 A/U	RG. 165/U	RG. 11 A/U	
RG. 141 A/U	RG. 140/U	RG. 71 B/U	RG. 213/U	RG. 12 A/U	
RG. 142 B/U			RG. 215/U	RG. 144/U	50 PPD
RG. 223/U	KX. 6 A	KX. 30	KX. 4	KX. 8	Ø 3.5 mm
KX. 15	KX. 25	**130 Ω**		**125 Ω**	
KX. 23	KX. 52	125 PMSA		RG. 63 B/U	
	KX. 53				

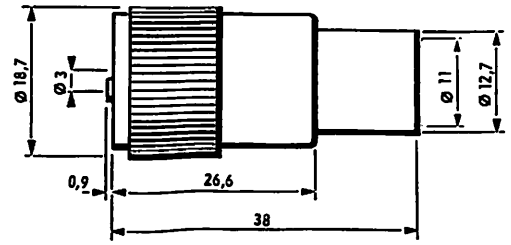
UHF series

plugs

★ *Detailed Assembly instructions are shown on pages D6- 6*

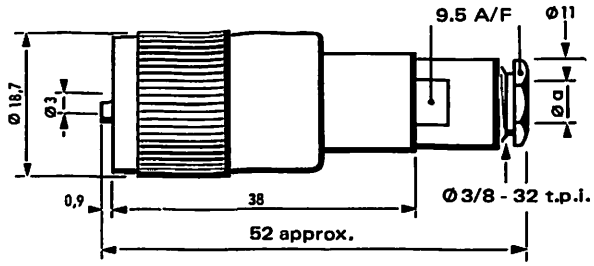
■ *Flange Dimensions are shown on page D6- 4*

Dielectric	St. Styramic T. Teflon B. Bakelite



STRAIGHT SOLDER PLUGS

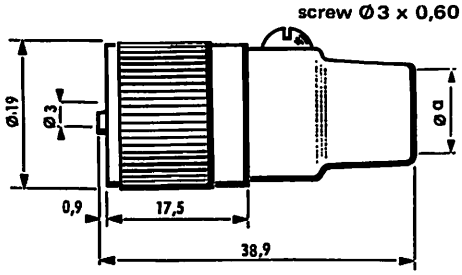
	OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE Øa	ASSEMBLY CODE ★	DIELECTRIC	WEIGHT g.
CODE **R. 155 005**	PL 259 T R. 11 010	10/50 10/75	11.2	A	T	25
CODE **R. 155 004**	PL 259 B R. 11 350	10/50	11.2	A	B	24



STRAIGHT SOLDER PLUGS

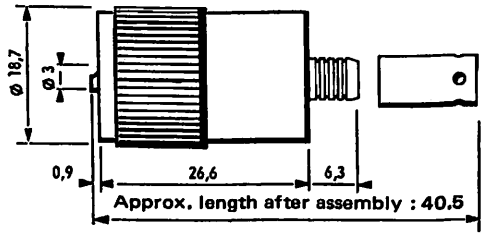
CODES

R. 155 005 + R. 280 007	PL 259 T + R. 11 320	5/50	5.6	C	T	32
R. 155 004 + R. 280 007	PL 259 B + R. 11 320				B	32
R. 155 005 + R. 280 010	PL 259 T + R. 11 200	6/75	6.4	C	T	32
R. 155 004 + R. 280 010	PL 259 B + R. 11 200				B	31



STRAIGHT SOLDER PLUG

CODE **R. 155 003**	PL 259 A R. 11 030	10/50 10/75	11.2	A	T	31

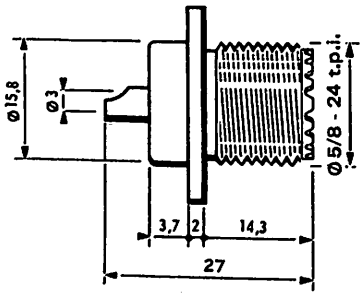


STRAIGHT CRIMP PLUG

CODE **R. 155 074**	R. 11 380	6/75	6.4	D	T	

Non stock item-available on special order only

receptacles



CHASSIS RECEPTACLE ■

CODE **R. 155 405**	SO 239 T R. 11 000	Panel Piercing Code a 19			T	22.5
CODE **R. 155 404**	SO 239 B R. 11 360	a 19			B	22

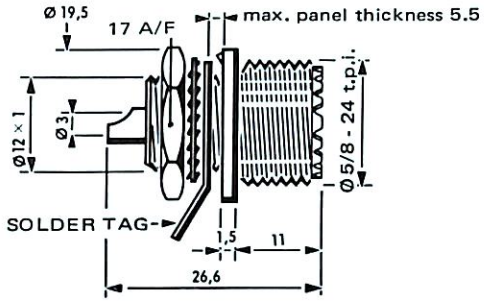
see page B1- 1

D
6

▲ *Panel Piercing Dimensions are shown on pages B1- 1 - 2*

■ *Flange Dimensions are shown on page D6- 4*

Dielectric	St. Styramic T. Teflon

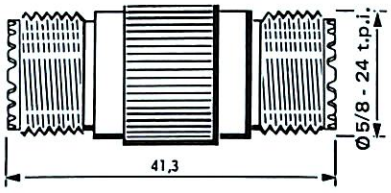


BULKHEAD RECEPTACLE

CODE **R. 155 560**

OTHER PART NUMBER	DIELECTRIC	PANEL PIERCING CODE ▲	WEIGHT g.
R. 11 240	T	K2	9.5

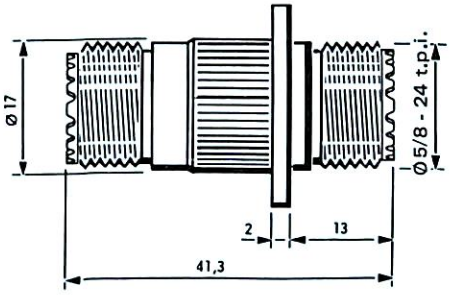
in series adaptors



STRAIGHT ADAPTOR F - F

CODE **R. 155 705**

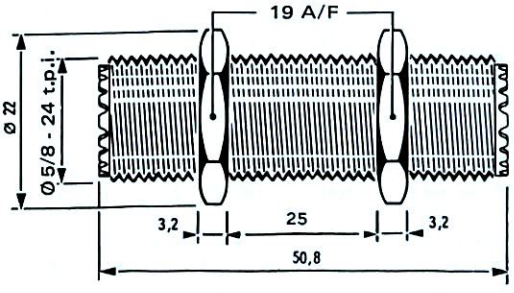
PL 258 R. 11 040	St			34.5



STRAIGHT CHASSIS ADAPTOR F - F ■

CODE **R. 155 715**

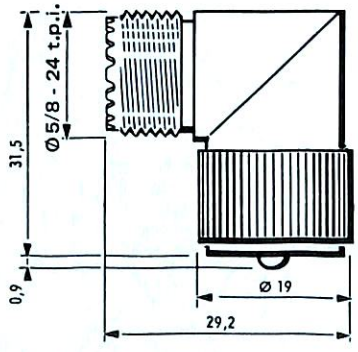
R. 11 100	St	a17 or a19		42



STRAIGHT BULKHEAD ADAPTOR F - F

CODE **R. 155 725**

UG. 363/U PL 274 R. 11 130	St	Clearance hole Ø 15.8		46.5



ELBOW ADAPTOR F - M

CODE **R. 155 770**

M. 359 R. 11 060	St			38

Printed in France - 729

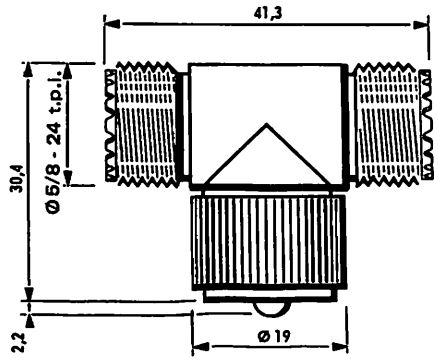
TEE - ADAPTOR F - F / M

CODE **R. 155 780**

Other Part Numbers : M. 358
R. 11 050

Dielectric : Styramic

Weight : 46.5 g.



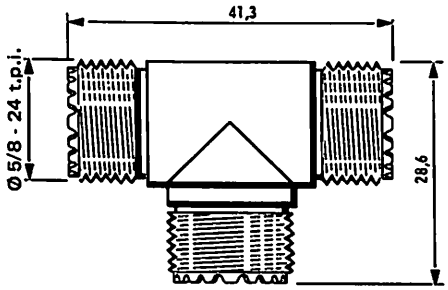
TEE - ADAPTOR F - F / F

CODE **R. 155 782**

Other Part Number : R. 11 290

Dielectric : Styramic

Weight : 41 g.



caps

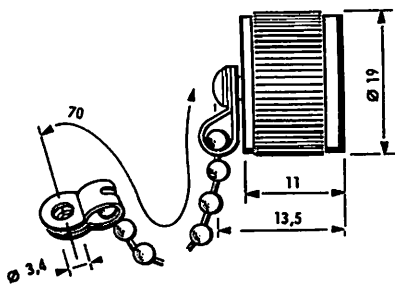
D
6

CAP AND CHAIN

CODE **R. 161 853**

Other Part Numbers : MX. 913/U
R. 5 140

Weight : 12 g.

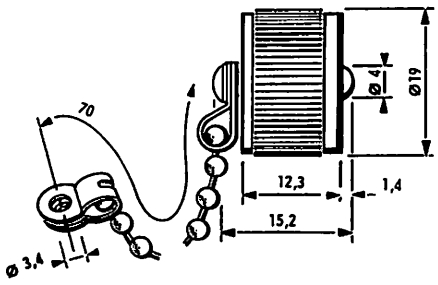


SHORT CIRCUIT CAP AND CHAIN

CODE **R. 155 862**

Other Part Number : R. 11 150

Weight : 16 g.



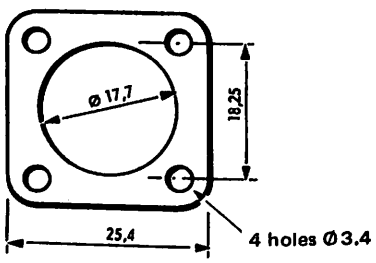
NEOPRENE GASKET

CODE **R. 280 505**

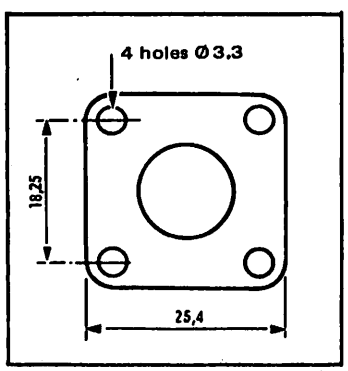
Other Part Number : R. 5 845

Thickness : 1.5

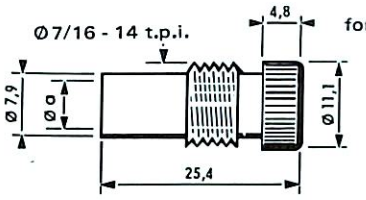
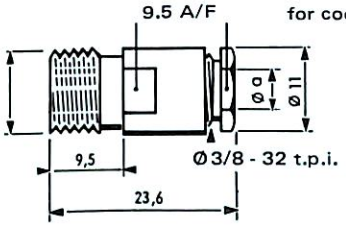
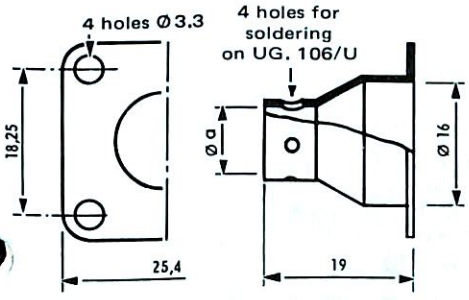
Weight : 0.8 g.



■ FLANGE DIMENSIONS



★ *Detailed Assembly instructions are shown on pages D6- 6*

	OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE ø o	ASSEMBLY CODE ★	WEIGHT g.
CABLE REDUCER					
 for codes R. 155 005 - R. 155 004 or R. 155 003					
CODE **R. 280 205**	R. 11 140	50 PPD	3.5	B	11
CODE **R. 280 207**	UG. 175/U R. 11 070	5/50	5.6	B	8.5
CODE **R. 280 211**	UG. 176/U R. 11 020	6/75 6/93	6.4	B	7
GLANDS					
 for codes R. 155 005 - R. 155 004 or R. 155 003 with plain gasket					
CODE **R. 280 004**	R. 11 310	50 PPD	3.5	C	9
CODE **R. 280 007**	R. 11 320	5/50	5.6	C	8
CODE **R. 280 010**	R. 11 200	6/75	6.4	C	7
CAPS FOR RECEPTACLES					
 CODE **R. 280 407**	UG. 177/U R. 5 930	5/50-6/75 6/93	3.8		5
CODE **R. 280 417**	UG. 106/U R. 5 470	10/50	8.8		4.5

- Coaxial devices . . . . . }
- Coaxial terminations . . . . . } *see page H2*
- Inter-series adaptors. . . . . }

inter_series adaptors

1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE	1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE
UHF male	BNC fem.	R. 191 447	UHF female	BNC male	R. 191 445
–	mΩ fem.	R. 191 632	–	mΩ male	R. 191 630
–	N fem.	R. 191 733	–	N male	R. 191 731
–	C fem.	R. 191 921			

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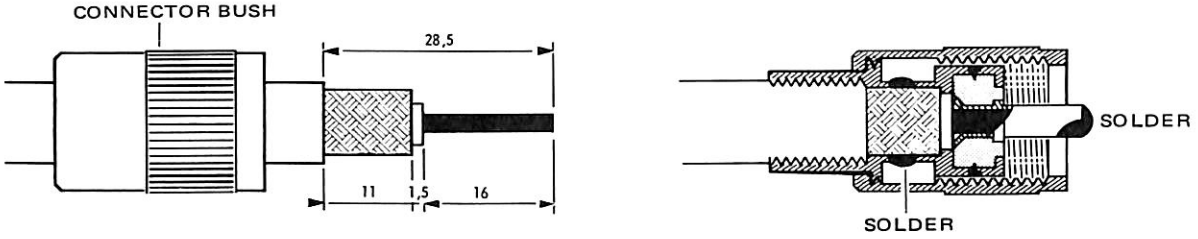
UHF series

assembly instructions

CODE **A**



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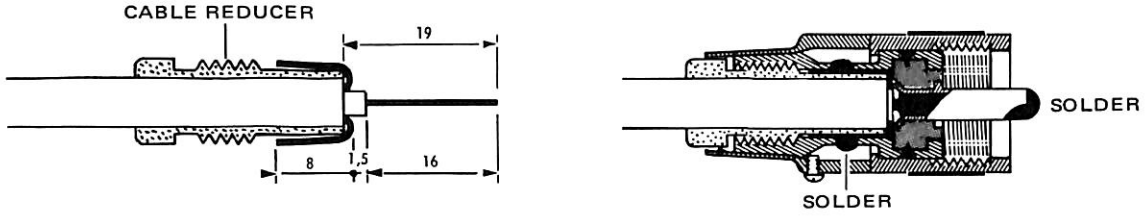
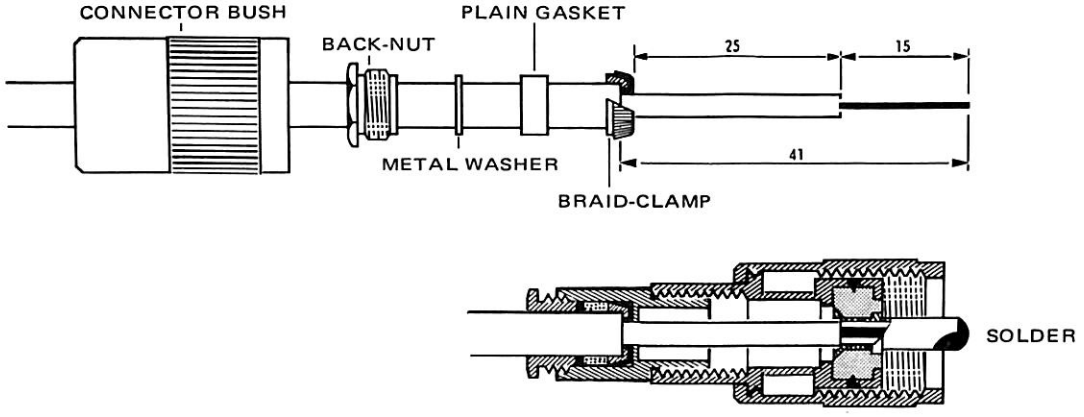


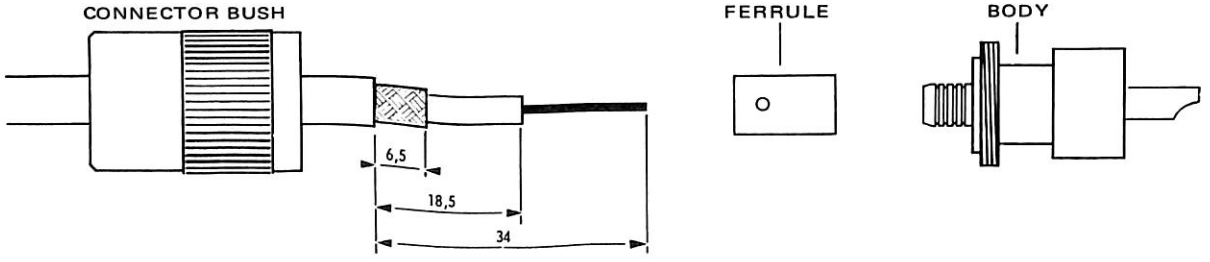
D 6

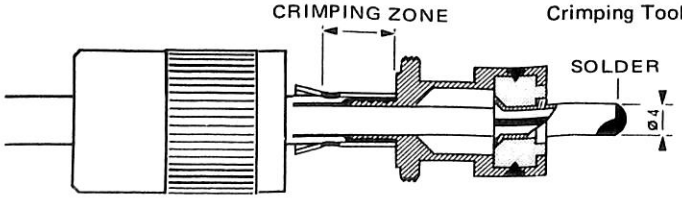
CODE **C**



CRIMP CONNECTORS

CODE **D**

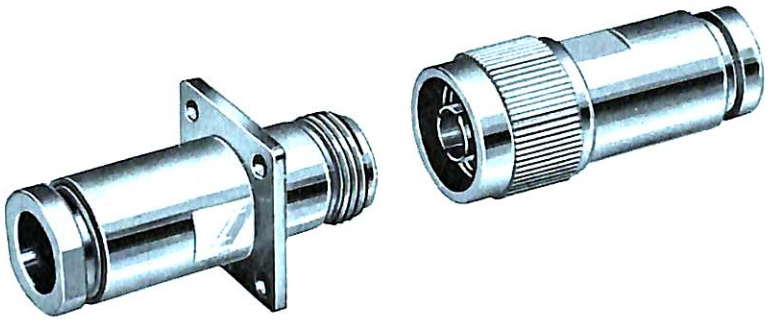




Crimping Tool T and B : WT 311 or Buchanan MIL - T - 22 910/7 - 1
with dies 612 995 or 613 842
or ERMA 29 010 with
N° 29 292 dies

N series 50 Ω

NATO APPROVED
CCTU APPROVED
GAM LISTED



GENERAL CHARACTERISTICS

Specifications MIL - C - 39 012 B
MIL - C - 71 B
CCTU 10 - 02 B

- Inter-changeable with equivalent US types
- Screw coupling
- Materials : female and elastic contacts in heat treated beryllium bronze
  other metal parts : brass
  insulators : PTFE (teflon)
  Gaskets : silicon or neoprene
- Plating : centre contacts : gold or silver
  other parts : NSR Ⓡ
- Two types of cable clamp : flat gasket
  V-groove gasket

see page D7- 4

ELECTRICAL CHARACTERISTICS

- Characteristic impedance : 50 Ohm (see page D7- 11 for matched 75 Ω types)
- Max. frequency : 11 000 MHz
- Recommended max. continuous operational voltage : 1 000 V.r.m.s.
- Test voltage : 2 500 V.r.m.s. at sea level
- Insulation resistance : 5 000 MΩ min.
- Contact resistance : 1.5 mΩ max.

ENVIRONMENTAL CHARACTERISTICS

- Operating temperature range :
  Models with silicon gaskets : - 55° + 165° C
  Models with neoprene gaskets : - 55° + 125° C
- Life : 500 mate and de-mate operations
- Vibrations : ± 1.5 mm from 10 to 80 Hz
  20 g from 80 to 2 000 Hz
- Shock: 100 g.

Printed in France

Ⓡ *RADIALL regd. trade mark*

N series 50 Ω

COAXIAL CABLES recommended for use with N series connectors.

The cable groups are designated by external Ø of cable / Impedance.

- **Flexible cables**

2/50 Ω	2.6/50 Ω	2.6/75 Ω	5/50 Ω	6/75 Ω	6/93 Ω	8/50 Ω	8/75 Ω
RG. 196 A/U RG. 178 B/U KX. 21 A	RG. 174/U RG. 188 A/U RG. 316/U KX. 3 A KX. 22 A	RG. 179 B/U RG. 187 A/U see below for special piece-parts	RG. 58 C/U RG. 141 A/U RG. 142 B/U RG. 223/U KX. 15 KX. 23	RG. 59 B/U RG. 140/U KX. 6 A KX. 25 KX. 52 KX. 53	RG. 62 A/U RG. 71 B/U KX. 30 125 PMSA	RG. 5 B/U RG. 212/U RG. 222/U	RG. 6 A/U KX. 50 KX. 51

10/50 Ω	■10/75 Ω	11/50 Ω	■11/75 Ω	22/50 Ω	Suitable connectors are also described for the following cable types
RG. 213/U RG. 165/U ⊕ RG. 215/U KX. 4	RG. 11 A/U ⊕ RG. 12 A/U RG. 144/U RG. 63 B/U KX. 8	RG. 214/U RG. 225/U KX. 13 KX. 24	RG. 216/U 75 MD 100 MD	RG. 218/U ⊕ RG. 219/U KX. 14	RG. 217/U RG. 63 B/U 50 GP

⊕ *Armoured cables requiring a special clamp.*

■ *Care must be taken when soldering the cores of these cables which are much smaller than the 50 Ω types.*

- **Semi-rigid cables**

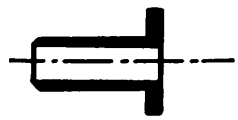
Ø3.58 mm = .141 inch
Ø6.35 mm = .250 inch

Catalogue Section E3

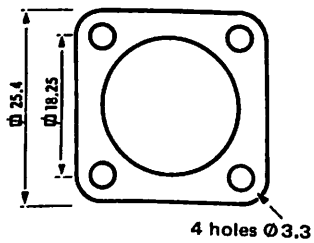
ADDITIONAL PIECE - PARTS REQUIRED FOR CABLE GROUP 2.6/75 Ω

(to be ordered in addition to the connector)

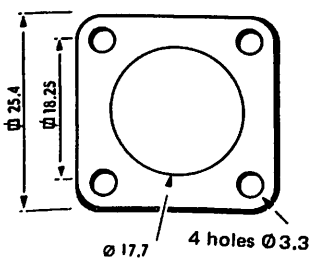
CODE **R. 280 603**



Use in place of clamp-ferrule provided with connector.



□ **FLANGE DIMENSIONS**



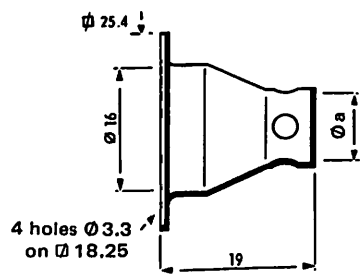
NEOPRENE FLANGE GASKET

CODE **R. 280 505**

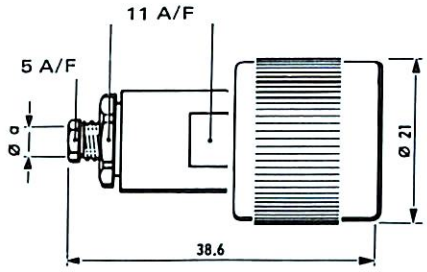
Other Part N° : R. 5 845

Thickness : 1.6

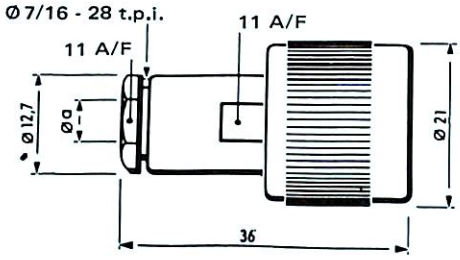
CAPS	OTHER PART NUMBER	Øa	WEIGHT g.
CODE **R. 280 407**	R. 5 930 UG. 177/U	3.8	5
CODE **R. 280 417**	R. 5 470 UG. 106/U	8.8	4.5



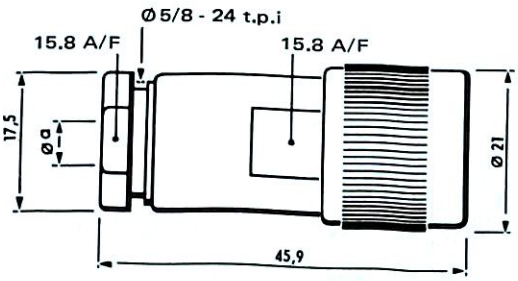
plugs



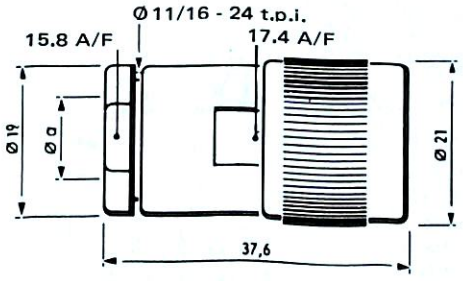
	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★	WEIGHT g.
STRAIGHT SOLDER PLUG					
CODE **R. 161 004**	R. 55 730	2.6/50	3	F	41



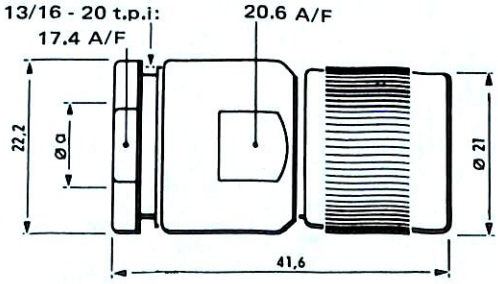
STRAIGHT SOLDER PLUG					
CODE **R. 161 006**	R. 55 250 UG. 536 A/U	5/50	5,55	C	36,5
CODE **R. 161 012**	R. 5 560 UG. 603 A/U	6/75 6/93	6,5	C	35,5
CODE **R. 161 052**	R. 55 510	. 141 semi-rigid	3,63	J	39
CODE **R. 161 053**	R. 55 530	. 250	6,4	K	37



STRAIGHT SOLDER PLUG					
CODE **R. 161 013**	R. 5 230 UG. 18 B/U	8/50 8/75	9,1	A	59
CODE **R. 161 018**	R. 5 170 UG. 21 B/U	10/50 10/75 11/50 11/75	11,2	A	53



STRAIGHT SOLDER PLUG					
CODE **R. 161 020**	R. 55 140 UG. 21 E/U KN. 1 - 5	10/50 10/75 11/50	11,2	D	51,5
CODE **R. 161 022** captive contact	R. 55 300 UG. 1 185A/U KN. 15	11/75	11,2	G	50



STRAIGHT SOLDER PLUG					
CODE **R. 161 027**	R. 5 460 UG. 204 C/U	R. 217/U	14,4	E	60

★ *Detailed assembly instructions are shown on pages D7- 12 to D7- 14 inc.*

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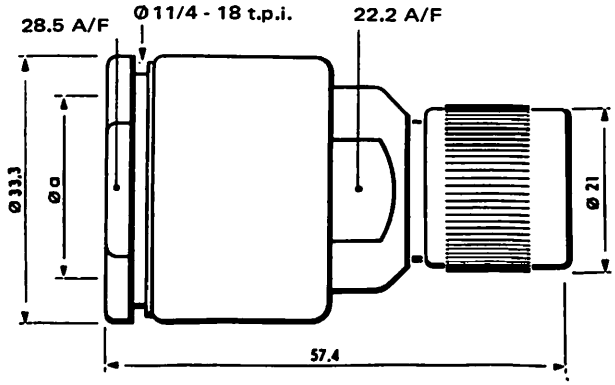
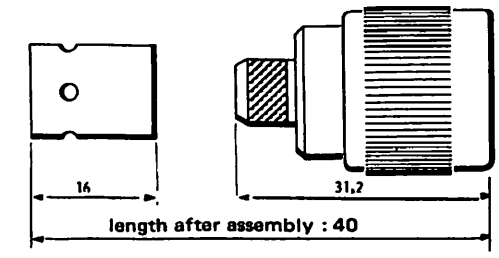


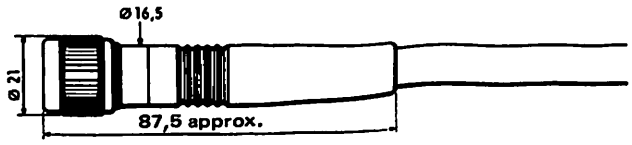
	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★	WEIGHT g.
STRAIGHT SOLDER PLUG					
CODE **R. 161 030** captive contact	R. 55 080 UG. 167G/U	22/50	22,9	H	141



STRAIGHT CRIMP PLUG					
CODE **R. 161 075**	R. 55 910	KX. 4 RG. 213/U	10,6	M	41,5
CODE **R. 161 088**	R. 56 170	KX. 13 RG. 214/U	11	M	41,5
CODE **R. 161 089**	R. 56 180	KX. 24 RG. 225/U	11	M	41,5

D 7

OVERMOULDED COAXIAL CONNECTOR/CABLE ASSEMBLIES



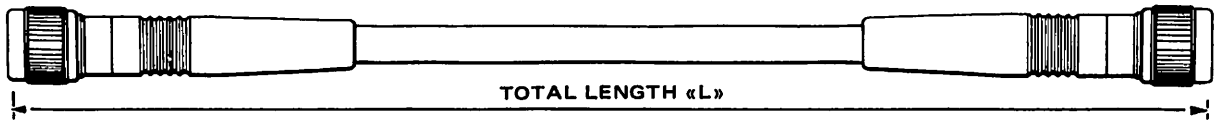
CODE **R. 161 060** / cable RG. 213/U

Other Part Number : R. 55 920

CODE **R. 161 062** / cable RG. 214/U

Other Part Number : R. 56 040

STANDARD ASSEMBLIES FROM STOCK



CODE	STRAIGHT PLUG	CABLE	TOTAL LENGTH «L»
R. 285 745	R. 161 060	RG. 213/U	100 cm
R. 285 747	R. 161 060	RG. 213/U	200 cm
R. 285 755	R. 161 062	RG. 214/U	100 cm
R. 285 757	R. 161 062	RG. 214/U	200 cm

NON-STANDARD ASSEMBLIES (Special order only)

For any variant on the above — eg. change of assembly length full details must be given.

Eg. How to order :

Straight plug : R. 161 060 / Cable RG. 213/U / Straight plug : R. 161 060 / total length . . . cm

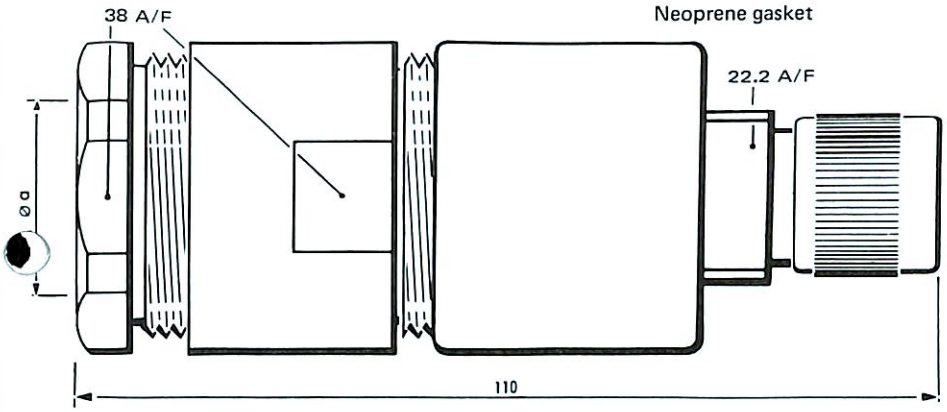
Straight plug : R. 161 062 / Cable RG. 214/U / Straight plug : R. 161 062 / total length . . . cm

★ *Detailed assembly instructions are shown on pages D7- 12 to D7- 14 inc.*

CODES

STRAIGHT SOLDER PLUG R. 161 032 + R. 280 131

Neoprene gasket

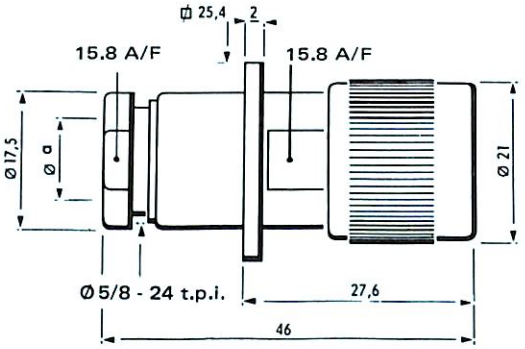


OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★	WEIGHT g.
R. 5 490 ⊹ R. 8 330	50 GP GD	24	L	400

STRAIGHT SOLDER CHASSIS PLUG □

CODE **R. 161 118**

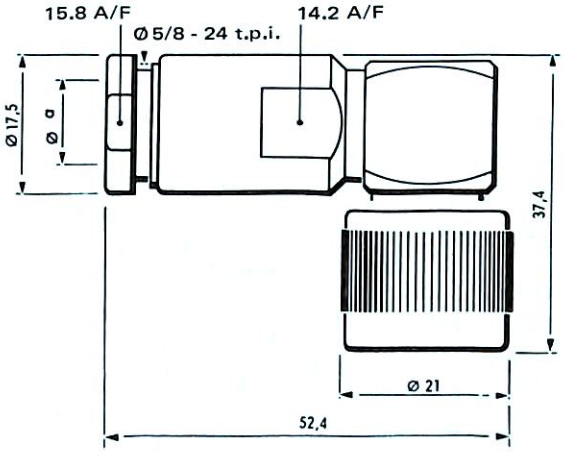
Panel Piercing code ▲ a 17 or a 18



R. 5 840	10/50 10/75 11/50 11/75	11,2	A	59

ELBOW SOLDER PLUG

CODE **R. 161 168**

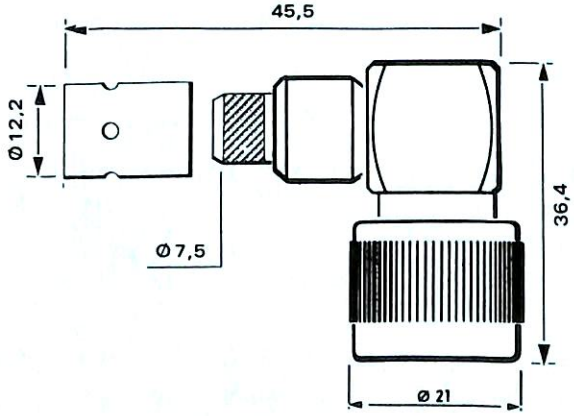


R..5 290 UG. 594/U	10/50 10/75 11/50 11/75	11,2	B	84

ELBOW CRIMP PLUG

CODE **R. 161 185**

CODE **R. 161 187**



R. 56 050	KX. 4 RG. 213/U	10,6	M	
R. 56 080	KX. 13 RG. 214/U	11	M	

★ *Detailed assembly instructions are shown on pages D7- 12 to D7- 14 inc.*

▲ *Panel Piercing dimensions are shown on page D7- 2*

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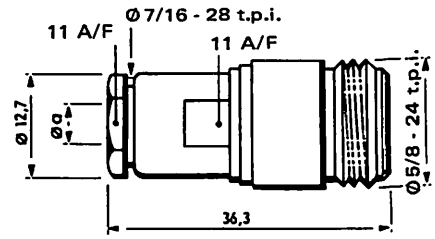
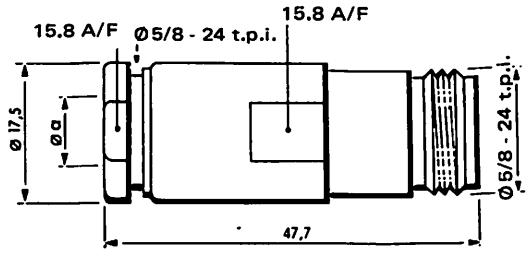
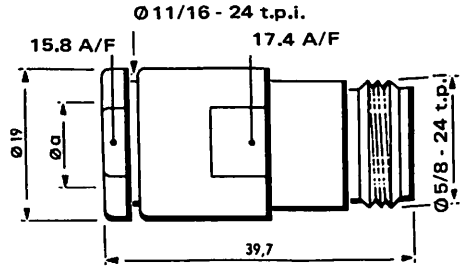
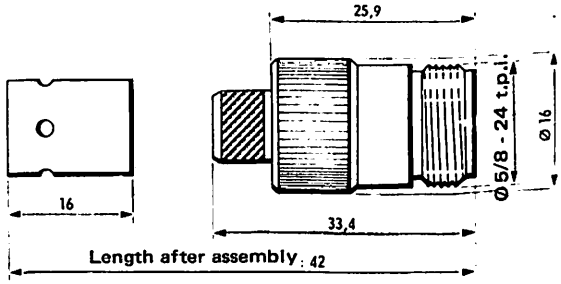
jacks



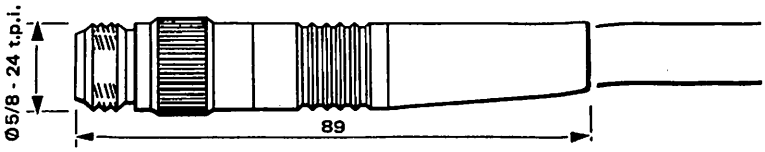






	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CODE Ø a	ASSEMBLY CODE ★	WEIGHT g.
STRAIGHT SOLDER JACK					
CODE **R. 161 206**	R. 55 270 UG. 1 052/U	5/50	5,55	C	33
CODE **R. 161 212**	R. 5 620 UG. 602 A/U	6/75 - 6/93	6,5	C	32
STRAIGHT SOLDER JACK					
CODE **R. 161 213**	R. 5 240 UG. 20 B/U	8/50 - 8/75	9,1	B	55,5
CODE **R. 161 218**	R. 5 180 UG. 23 B/U	10/50 - 10/75 11/50 - 11/75	11,2	B	37,5
STRAIGHT SOLDER JACK					
CODE **R. 161 220**	R. 55 160 UG. 23 E/U KN 3 - 5	10/50 10/75 11/50	11,2	D	47
CODE **R. 161 222** captive contact	R. 55 310 UG. 1186 A/U KN. 16	11/75	11,2	G	47
STRAIGHT CRIMP JACK					
CODE **R. 161 241**	R. 55 900	KX. 4 RG. 213/U	10,6	M	35,5
CODE **R. 161 243**	R. 56 150	KX. 13 RG. 214/U	11	M	35,5
CODE **R. 161 244**	R. 56 160	KX. 2 A RG. 225/U	11	M	35,5

OVERMOULDED COAXIAL CONNECTOR/CABLE ASSEMBLIES



CODE **R. 161 233** / **cable RG. 213/U**

Other Part Number : R. 56 070

CODE **R. 161 235** / **cable RG. 214/U**

Other Part Number : R. 56 060

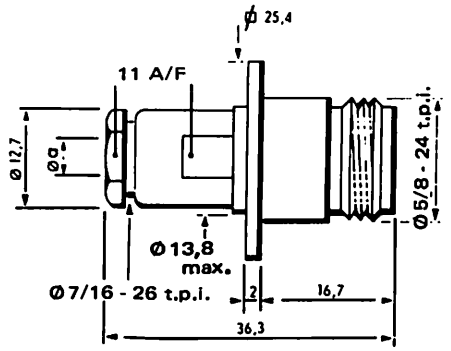
ASSEMBLIES - LENGTH TO ORDER

How to order :

Straight plug : R. 161 060 / Cable RG. 214/U / Straight jack : R. 161 235 / Total length . . . cm
Straight plug : R. 161 062 / Cable RG. 213/U / Straight jack : R. 161 233 / Total length . . . cm

Straight jack : R. 161 233 / Cable RG. 213/U / Straight jack : R. 161 233 / Total length . . . cm
Straight jack : R. 161 235 / Cable RG. 214/U / Straight jack : R. 161 235 / Total length . . . cm

★ *Detailed assembly instructions are shown on pages D7- 12 to D7- 14 inc.*

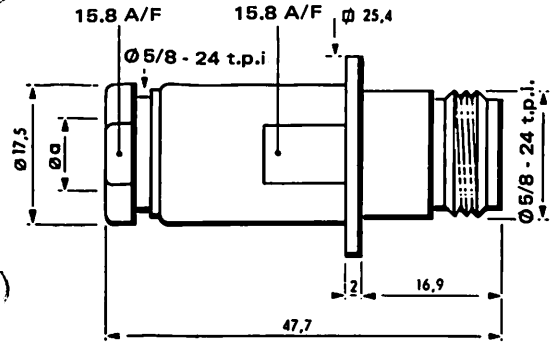


STRAIGHT SOLDER CHASSIS JACK □

CODE **R. 161 256**

CODE **R. 161 262**

CODE **R. 161 277**

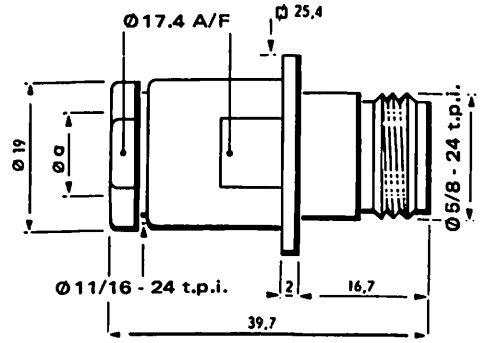


STRAIGHT SOLDER CHASSIS JACK □

CODE **R. 161 263**

CODE **R. 161 268**

10 GHz



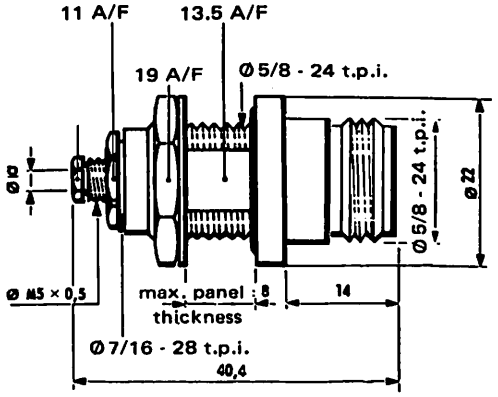
STRAIGHT SOLDER CHASSIS JACK □

CODE **R. 161 270**

10 GHz

CODE **R. 161 272**

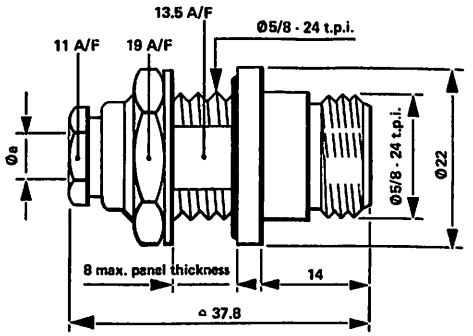
captive contact



STRAIGHT SOLDER BULKHEAD JACK

with panel seal

CODE **R. 161 321**



STRAIGHT SOLDER BULKHEAD JACK

with panel seal

CODE **R. 161 323**

	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★	PANEL PIERCING CODE ▲	WEIGHT g.
CODE R. 161 256	R. 55 280 UG. 1095B/U	5/50	5,55	C	a 19 or	40
CODE R. 161 262	R. 55 070 UG. 593 A/U	6/75 6/93	6,5	C	a 20	39
CODE R. 161 277	R. 55 710	semi-rigid . 141	3,63	J		40
CODE R. 161 263	R. 5 250 UG. 19 B/U	8/50 8/75	9,1	B	a 17 or	62,5
CODE R. 161 268 10 GHz	R. 5 190 UG. 22 B/U	10/50 - 10/75 11/50 - 11/75	11,1	B	a 19	57
CODE R. 161 270 10 GHz	R. 55 170 UG. 22 E/U KN. 2 - 5	10/50 - 10/75	11,2	D	a 26	54
CODE R. 161 272 captive contact	R. 55 320 UG.1187A/U KN. 17	11/50 - 11/75	11,2	G	or a 19	55
CODE R. 161 321 with panel seal	R. 55 810	2,6/50	3	F	h 3	47
CODE R. 161 323 with panel seal	R. 55 640	141	5.4	J	h2	50

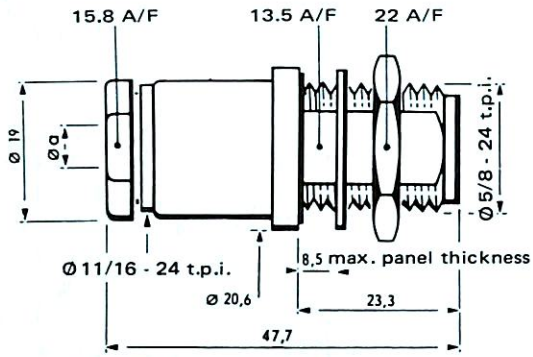
★ *Detailed assembly instructions are shown on pages D7- 12 to D7- 14 inc.*

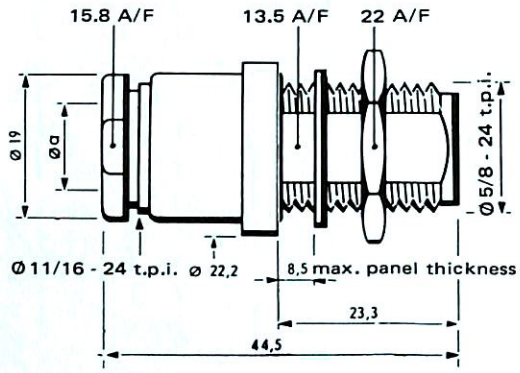
□ *Flange Dimensions are shown on page D7- 2*

▲ *Panel Piercing Dimensions are shown on page B1- 1 and B1- 2*

7210 - Printed in France

N series 50 Ω

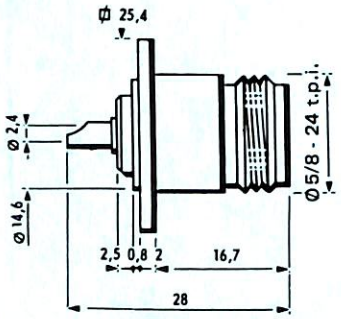




	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Øa	ASSEMBLY CODE ★	PANEL PIERCING CODE ▲	WEIGHT g.
STRAIGHT SOLDER BULKHEAD JACK with panel seal						
CODE **R. 161 325** Non-stock item available on special order only	R. 5 750 UG. 556/U	5/50	5,55	B	h 2	63
CODE **R. 161 328**	R. 5 760	6/75 6/93	6,5	B	h 2	62
STRAIGHT SOLDER BULKHEAD JACK with panel seal						
CODE **R. 161 332**	R. 5 640 UG. 160 C/U	10/50 - 10/75 11/50 - 11/75	11,2	D	h 2	60,5

receptacles

D 7



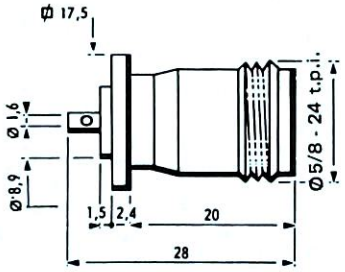
CHASSIS RECEPTACLE □

CODE **R. 161 404**

Other Part Number : R. 5 160
UG. 58 A/U - KN. 8 - 1

Panel Piercing code a 20 or a 19 ▲

Weight : 29.5 g.



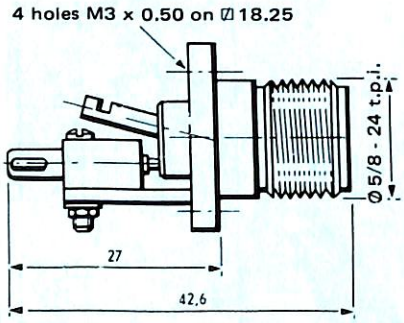
CHASSIS RECEPTACLE WITH REDUCED FLANGE □

CODE **R. 161 410**

Other Part Number : R. 55 350
10 GHz

Panel Piercing Code a 4 ▲

Weight : 21 g.

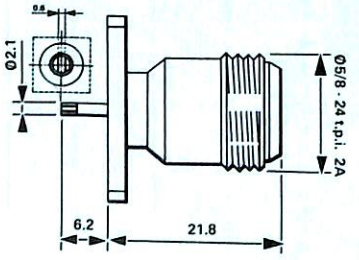


CHASSIS RECEPTACLE with auxiliary micro-switch

CODE **R. 161 439**

Panel Piercing code a 19 ▲

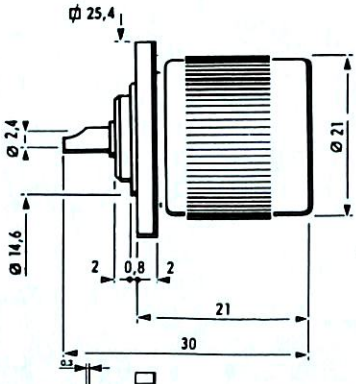
Weight : 40.5 g.



STRIP LINE LAUNCHERS

CODE **R. 161 461**

Weight : 28 g.



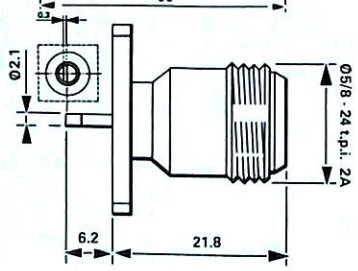
CHASSIS PLUG □

CODE **R. 161 441**

Other Part Number : R. 5 710

Panel Piercing code a 20 ▲

Weight : 38 g.



STRIP LINE LAUNCHERS

CODE **R. 161 463**

Weight : 28 g.

★ *Detailed assembly instructions are shown on pages D7- 12 to D7- 14 inc.*

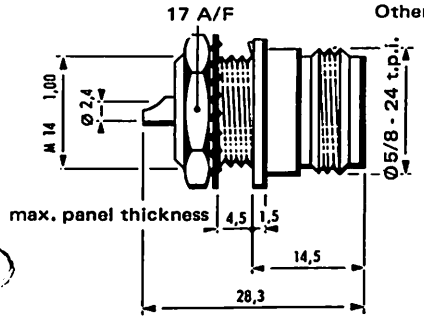
□ *Flange dimensions are shown on page D7- 2*

▲ *Panel Piercing Dimensions are shown on page B1- 1 and B1- 2*

BULKHEAD RECEPTACLE

CODE **R. 161 570**

Other Part Number : R. 55 360



Panel Piercing code ▲
k 6

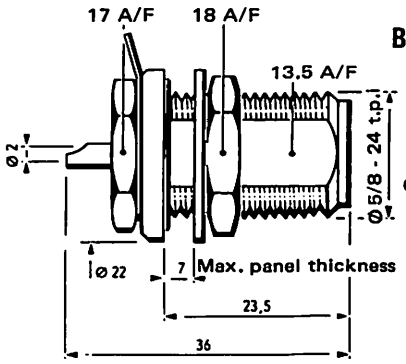
Weight : 35 g.

BULKHEAD RECEPTACLE

with panel seal

CODE **R. 161 606**

Other Part Number : R. 5 200



Panel Piercing code ▲
h 2

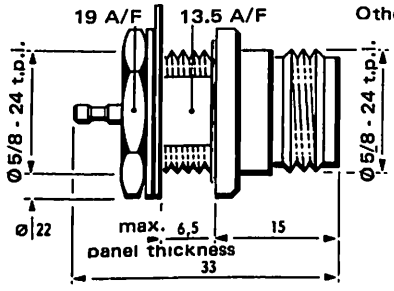
Weight : 41 g.

HERMETIC BULKHEAD RECEPTACLE

Glass to metal

CODE **R. 161 625**

Other Part Number : R. 55 420



Panel Piercing code ▲
h 2

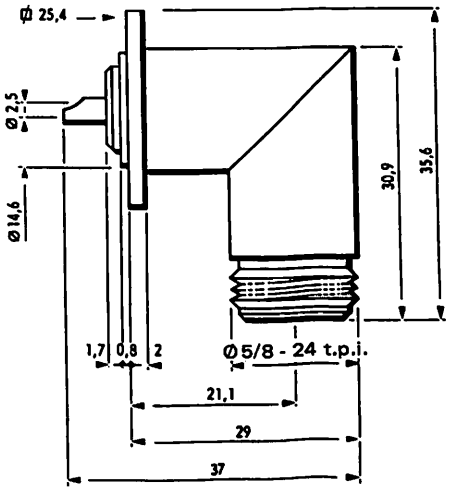
Weight : 41 g.

Hermetic from :
- 45° C to + 100° C
- pressure 20 Kg/cm^2
- vacuum 10^{-6} mm Hg

ELBOW CHASSIS RECEPTACLE □

CODE **R. 161 653**

Other Part Number : R. 5 680
UG. 997 A/U



Panel Piercing code ▲
a 20

Weight : 58,5 g.

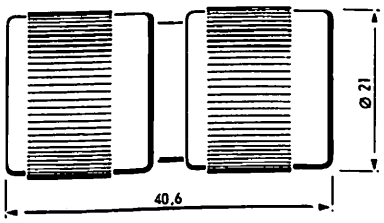
in series adaptors

STRAIGHT ADAPTOR M - M

CODE **R. 161 703**

Other Part Number : R. 5 120
UG. 57 B/U

Weight : 59.5 g.

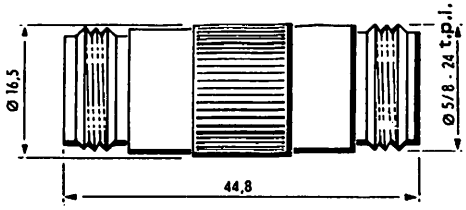


STRAIGHT ADAPTOR F - F

CODE **R. 161 705**

Other Part Number : R. 5 130
UG. 29 B/U

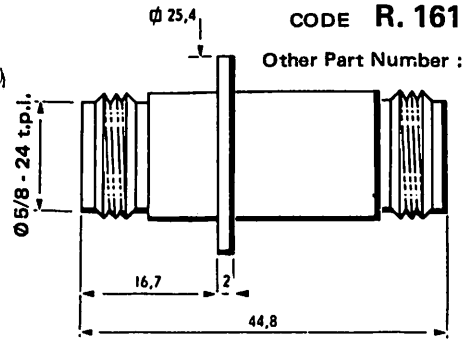
Weight : 50 g.



STRAIGHT CHASSIS ADAPTOR F - F

CODE **R. 161 715**

Other Part Number : R. 5 300
KN. 30



Panel Piercing code ▲
a 19

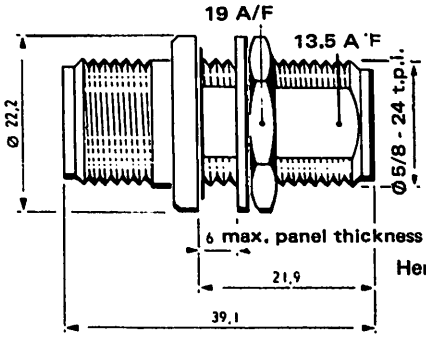
Weight : 56 g.

HERMETIC BULKHEAD ADAPTOR F - F

Glass to metal seal

CODE **R. 161 753**

Other Part Number :
R. 5 310
UG. 30 D/U



Panel Piercing code ▲
h 2

Weight : 48 g.

Hermetic from - 45 to + 100° C
- pressure : 20 kg/cm^2 maxi
- vacuum : 10^{-6} mm Hg

□ *Flange Dimensions are shown on page D7- 2*

▲ *Panel Piercing Dimensions are shown on page B1- 1 and B1- 2*

7210 - Printed in France

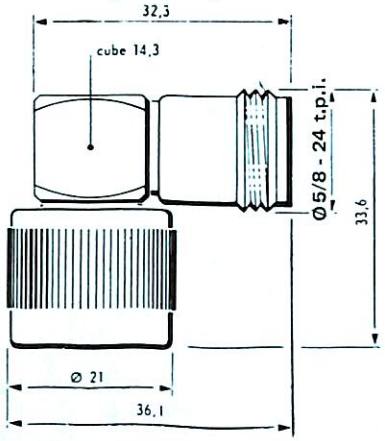
N series 50 Ω

ELBOW ADAPTOR M - F

CODE **R. 161 771**

Other Part Number : R. 5 600
UG. 27 C/U - KN 4 - 3

Weight : 54.5 g.

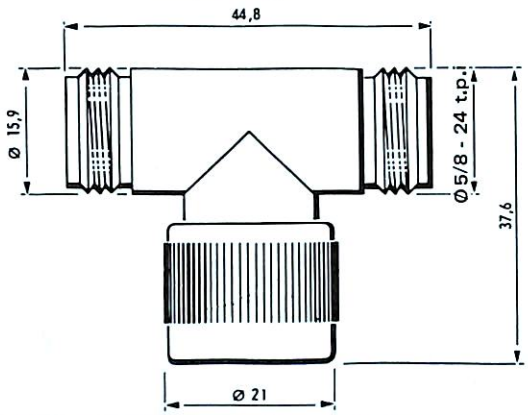


T - ADAPTOR F - F / M

CODE **R. 161 780**

Other Part Number : R. 5 100
UG. 107 B/U

Weight : 78 g.

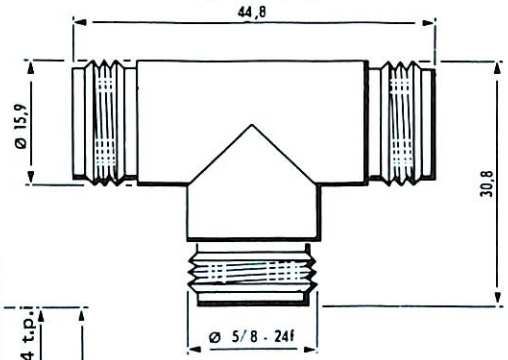


T - ADAPTOR F - F / F

CODE **R. 161 782**

Other Part Number : R. 5 050
UG. 28 A/U

Weight : 64,5 g.



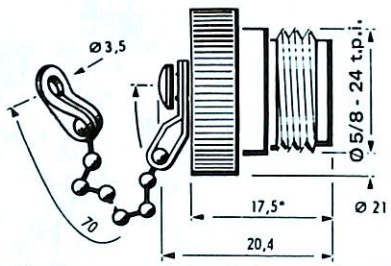
D 7

protective caps fitted with chain

CODE **R. 161 841**

Other Part Number : R. 5 940

Weight : 29 g.

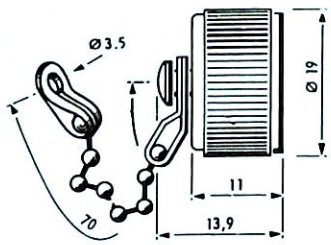


CODE **R. 161 853**

Other Part Number : R. 5 140
MX. 913/U

Weight : 11 g.

Gasket : neoprene



COMPATIBLE COAXIAL DEVICES

- Coaxial relays switches and commutators
Catalogue section J

- Coaxial terminations, attenuators, directional couplers
Catalogue section H

COAXIAL INTER - SERIES ADAPTORS

1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE
N male	APC 7	R. 191 025
–	SubVIS male	R. 191 141
–	SubCLIC male	R. 191 233
–	RiM male	R. 191 325
–	RiM female	R. 191 329
–	BNC female	R. 191 421
–	TNC female	R. 191 513
–	mQ female	R. 191 606
–	C female	R. 191 703
–	UHF female	R. 191 731
N female	APC 7	R. 191 027
–	SubVIS male	R. 191 143
–	SubVIS female	R. 191 147
–	SubCLIC female	R. 191 239
–	RiM male	R. 191 327
–	RiM female	R. 191 331

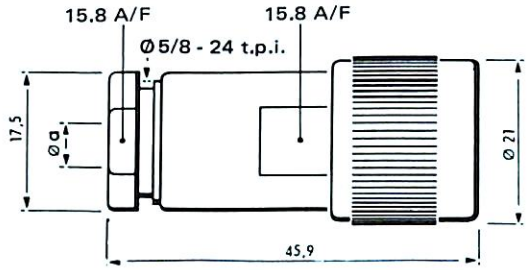
1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE
N female	RiM female	R. 191 332
–	BNC male	R. 191 419
–	BNC female	R. 191 422
–	BNC female	R. 191 424
–	TNC male	R. 191 511
–	mQ male	R. 191 603
–	mQ female	R. 191 609
–	C male	R. 191 705
–	C female	R. 191 707
–	C female	R. 191 708
–	UHF male	R. 191 733
–	HN male	R. 191 737
–	LC female	R. 191 741
–	LC female	R. 191 742
–	LC female	R. 191 743
–	LC male	R. 191 745
–	LR female	R. 191 751

N series -75 Ω

These connectors are not inter-mateable with these from the N series 50 Ω

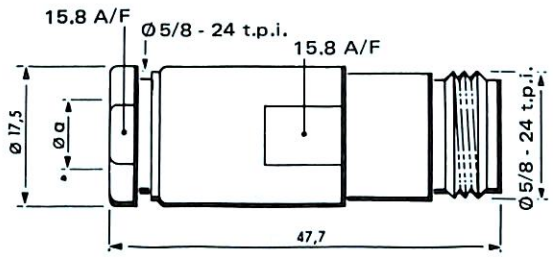
plugs

★ *Detailed assembly instructions are shown on pages D7- 12 to D7- 14 inc.*
▲ *Panel Piercing dimensions are shown on page D7- 2*
□ *Flange dimensions are shown on page D7- 2*

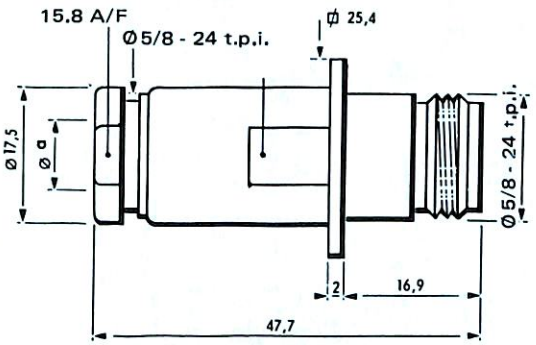


	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ◄	PANEL PIERCING CODE ◄	WEIGHT g.
STRAIGHT SOLDER PLUG						
CODE **R. 162 013**	R. 5 390 UG. 91 A/U	8/75	9,1	A		58,5
CODE **R. 162 017**	R. 5 260 UG. 94 A/U	10/75 11/75	11,1	A		52,5

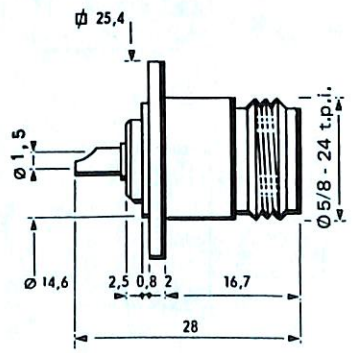
jacks



STRAIGHT SOLDER JACK						
CODE **R. 162 213**	R. 5 400 UG. 92 A/U		9,1	B		53,5
CODE **R. 162 217**	R. 5 270 UG. 95 A/U		11,1	B		48



STRAIGHT SOLDER CHASSIS JACK □						
CODE **R. 162 263**	R. 5 410 UG. 93 A/U	8/75	9,1	B	a17 or a19	65,5
CODE **R. 162 267**	R. 5 280 UG. 96 A/U	10/75 11/75	11,1	B		55

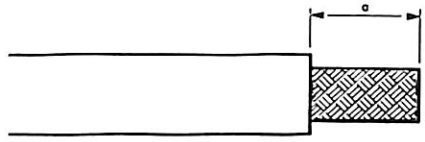


receptacles

CHASSIS RECEPTACLE □						
CODE **R. 162 403**	R. 5 910				a20 or a19	29

N series 50 Ω

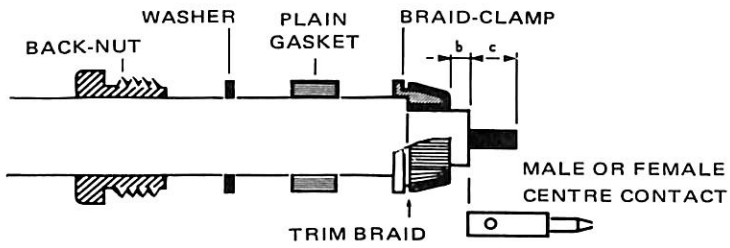
assembly instructions



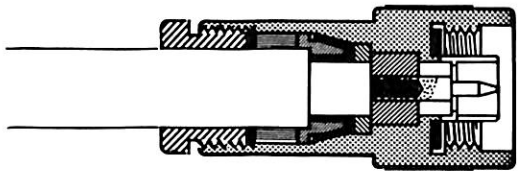
CODE **A**

PLAIN-GASKET CLAMP

Assembly Code	a	b	c
A	13,5	4	6
B	12,5	4	5



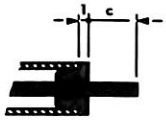
CODE **B**



For air - spaced cables

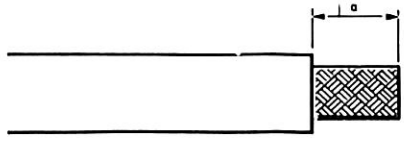
reduce dimension « **b** » by 1 mm

Introduce the insulating spacer into the dielectric and solder the centre-contact flush against the spacer.



D 7

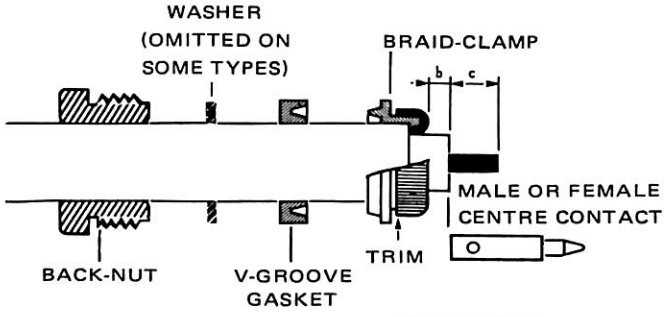
CODE **C**



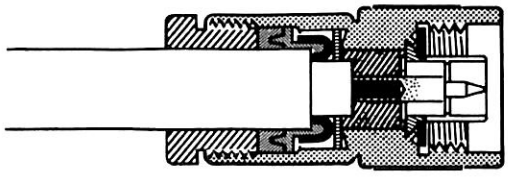
V-GROOVE GASKET CLAMP

Assembly Code	a	b	c
C	8,5	3	4
D	8,5	1,5	5
E	11	2	6

CODE **D**

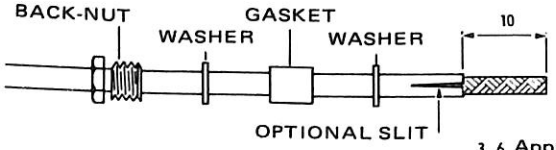


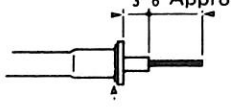
CODE **E**



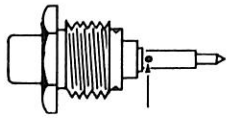
CODE **F**

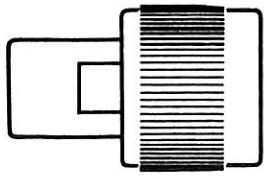
PLAIN-GASKET CLAMP
for cables Ø 2 and 2.6 mm





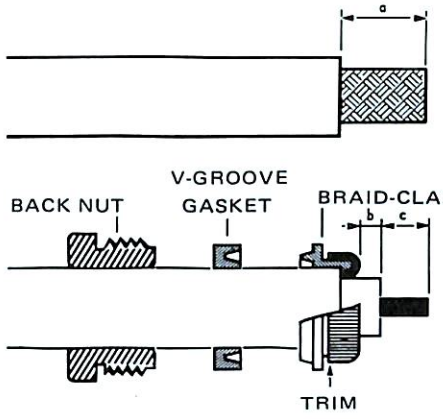
TRIM BRAID TO OUTSIDE DIAMETER OF BRAID CLAMP



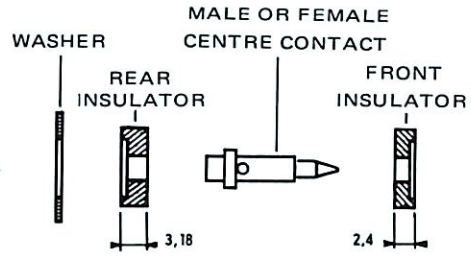


BODY

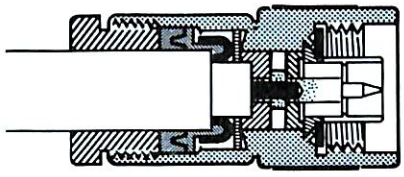
assembly instructions



Captive contact



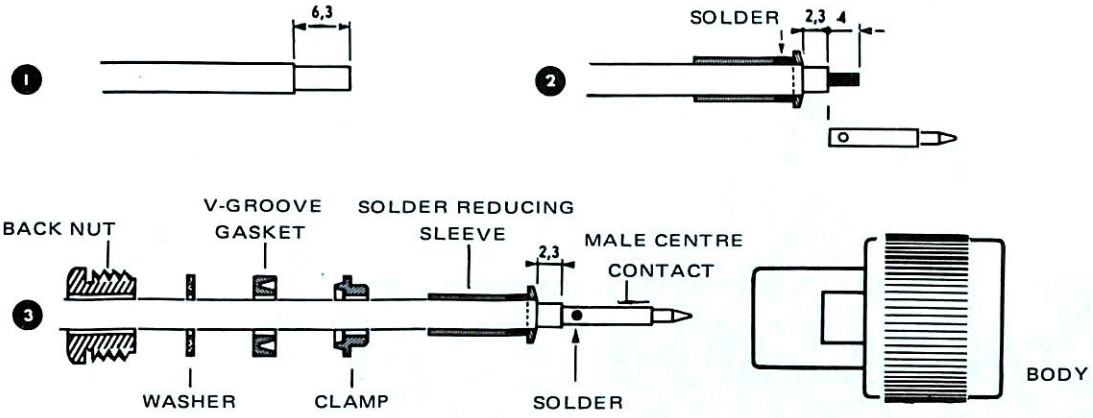
CODE **G**



Stripping Code	a	b	c
G	8,5	1,5	5
H	11	2	6

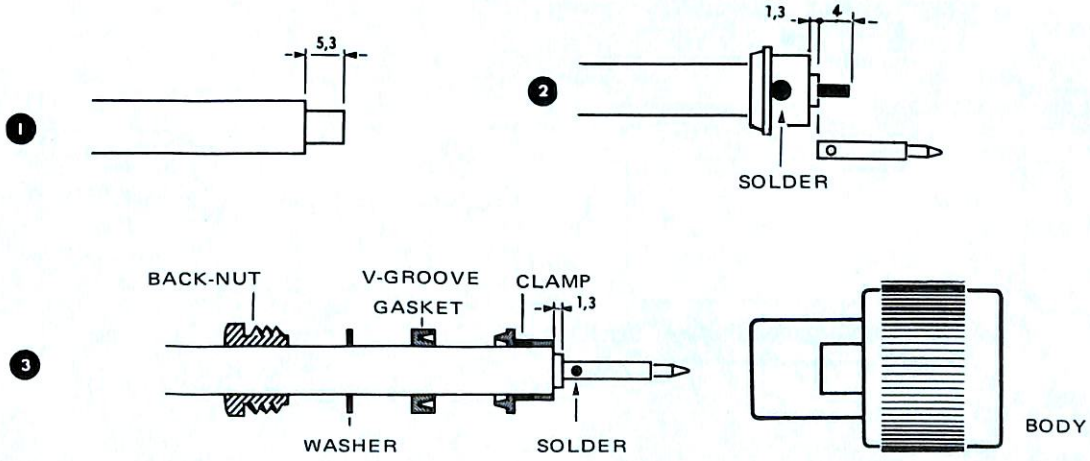
CODE **H**

SEMI-RIGID CABLE 0 .141



CODE **J**

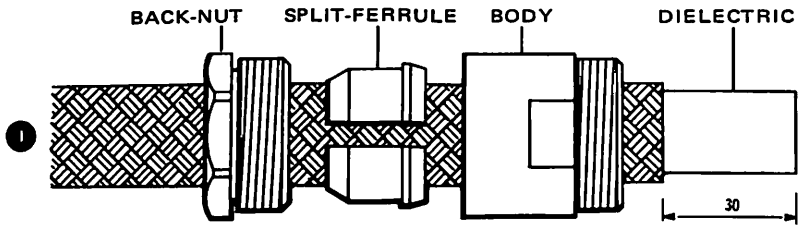
SEMI-RIGID CABLE 0 .250

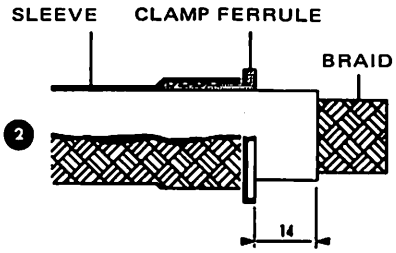


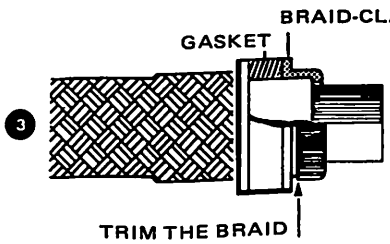
CODE **K**

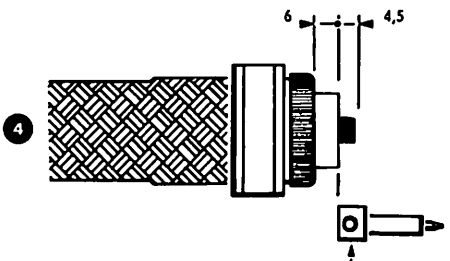
N series 50 Ω

assembly instructions



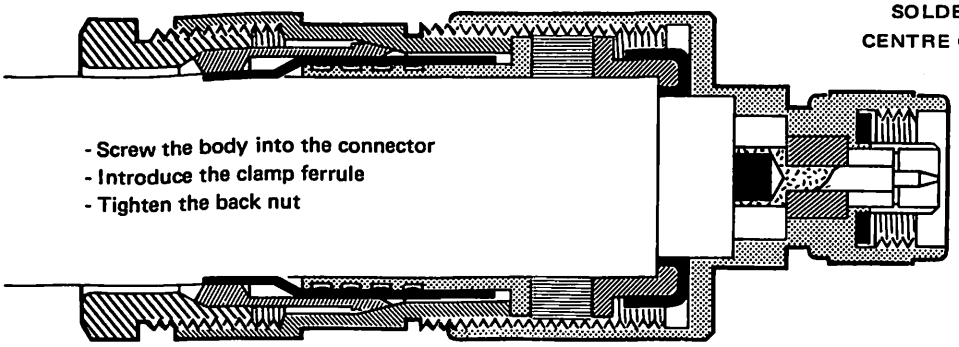






CODE

L

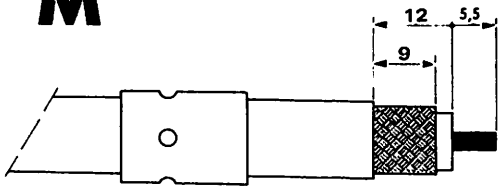


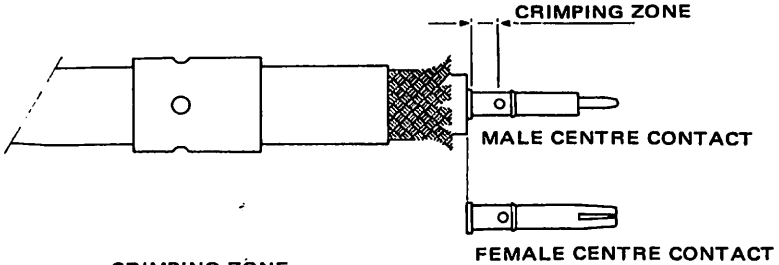
D
7

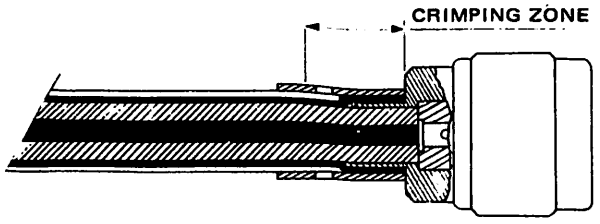
STRAIGHT AND ELBOW CRIMP CONNECTORS

CODE

M



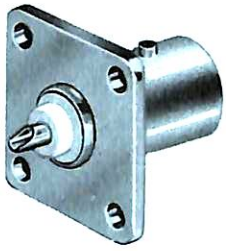




Crimping tools BUCHANAN M 22 910/7 - 1
with die 613,148
or THOMAS and BETTS WT 305
or ERMA 29 010 with N° 29 290 DIES

S.T.T.A. approved

C series



GENERAL CHARACTERISTICS

Specifications : MIL - C - 39 012 A
MIL - C - 3 989 A
MIL - C - 23 329 A

The connectors in this series are fully interchangeable and intermateable with analogous American types.

- two bayonet coupling
- splash proof
- materials : flexible contacts : bronze or beryllium
  other metal parts : brass
  insulators : teflon
  gaskets : silicone rubber
- plating : NSR Ⓡ (greater than 1 000 hours salt spray)
- operating temperature range : - 55 to 155° C

ELECTRICAL CHARACTERISTICS

- Characteristic impedance : 50 ohms
- Operating frequency range : 0 - 11 GHz
- V.S.W.R. : less than 1.35
- Test voltage for mated connectors : 2 500 V.r.m.s. at 50 Hz sea level
- Maximum continuous voltage : 1 500 V.r.m.s. at sea level
- Insulation resistance : greater than 5 000 MΩ

COAXIAL CABLES recommended for use with C series

1) Flexible coaxial cables

The cable groups are designated by the external diameter of the cable in mm/Impedance.

GROUP 5/50	GROUP 6/75	GROUP 6/93	GROUP 10/50	GROUP 11/50	GROUP 22/50
50 Ω	**75 Ω**	**93 Ω**	**50 Ω**	**50 Ω**	**50 Ω**
RG. 58 C/U	RG. 59 B/U	RG. 62 A/U	RG. 165/U	RG. 214/U	RG. 218/U
RG. 141 A/U	RG. 140/U	RG. 71 B/U	RG. 213/U	RG. 225/U	RG. 219/U
RG. 142 B/U			RG. 215/U		⊕
RG. 223/U	KX. 6 A	KX. 30	⊕		
	KX. 25		KX. 4	KX. 13	KX. 14
KX. 15	KX. 52	**130 Ω**		KX. 24	
KX. 23	KX. 53	125 PMSA			

⊕ *Armoured cables requiring an armour clamp in place of the back-nut assembly.*

Ⓡ *RADIALL Registered Trade Mark.*

RADIALL

Printed in France

2) Semi-Rigid coaxial cables

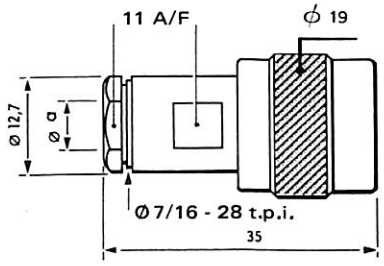
Ø3.58 mm = . 141 inch
Ø6.35 mm = . 250 inch

3) Coaxial Cables suitable for use with C crimp-connectors

RG. 213/U - KX. 4
RG. 214/U - KX. 13

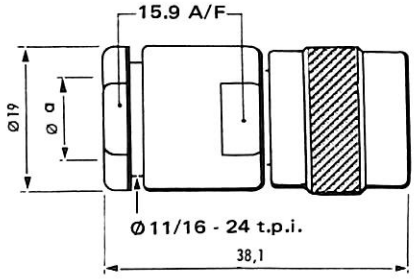
plugs

★ *Detailed Assembly instructions are shown on pages D8- 7-8*



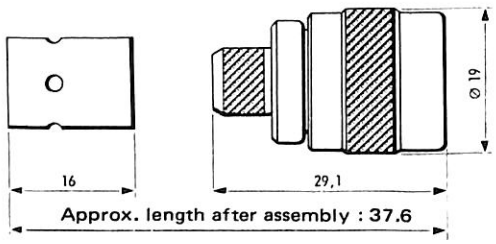
STRAIGHT SOLDER PLUG

	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE ø d	ASSEMBY CODE ★	WEIGHT g.
CODE **R. 166 005**	UG. 709 B/U R. 12 080	5/50	5,6	A	33
CODE **R. 166 012** shouldered centre contact	UG. 627 B/U R. 12 120	6/75 6/93	6,4	B	32
CODE **R. 166 052** ☆	R. 12 240	. 141	3,58	F	35
CODE **R. 166 053**	R. 12 320	. 250	6,4	G	25



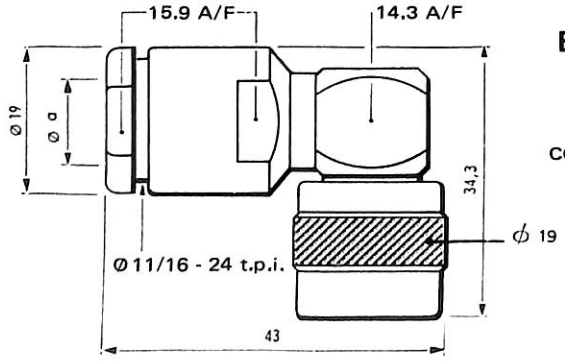
STRAIGHT SOLDER PLUG

CODE **R. 166 018**	UG. 573 B/U R. 12 050	10/50 11/50	11,2	C	45



STRAIGHT CRIMP PLUG

CODE **R. 166 075**	R. 12 290	RG. 213/U KX. 4	11,2	E	25

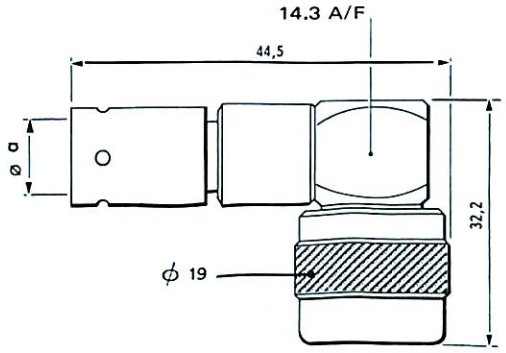


ELBOW SOLDER PLUG

CODE **R. 166 168**	UG. 710 B/U R. 12 110	10/50 11/50	11,2	D	65

☆ *Non stock-item available on special order only*

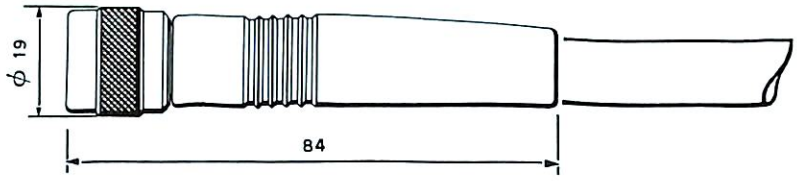
★ *Detailed assembly instructions are shown on pages D8- 7-8*



ELBOW CRIMP PLUG

	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE ø a	ASSEMBLY CODE ★	WEIGHT g.
CODE **R. 166 185**	R. 12 340	RG. 213/U KX. 4	11,2	E	
CODE **R. 166 187**	R. 12 350	RG. 214/U KX. 13	11,2	E	

STRAIGHT PLUG OVERMOULDED ONTO COAXIAL CABLE



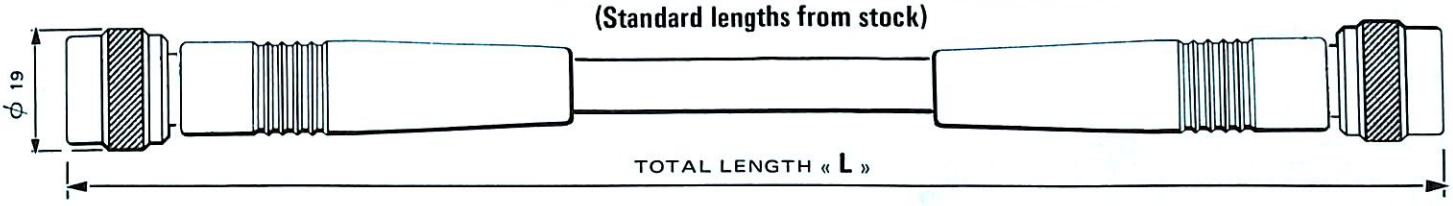
CODE **R. 166 060** — Cable RG. 213/U

Other Part N° : R. 12 280

CODE **R. 166 061** — Cable RG. 214/U

Operating temperature range : - 40 + 85° C

OVERMOULDED COAXIAL CONNECTOR/CABLE ASSEMBLIES
(Standard lengths from stock)

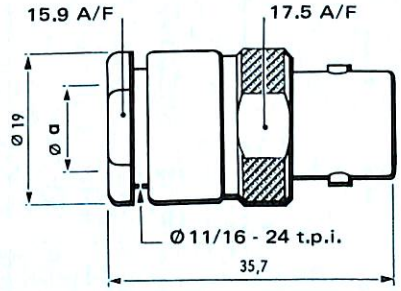


CODE FOR STANDARD ASSEMBLY	FITTED PLUGS	CABLE	TOTAL LENGTH « L »
R. 285 845	R. 166 060	RG. 213/U	100 centimetres
R. 285 847	R. 166 060	RG. 213/U	200 centimetres

ASSEMBLIES OF LENGTHS DIFFERENT to standard types may be ordered as follows :

Straight Plug : R. 166 060 / cable RG. 213/U / Straight plug : R. 166 060 / Total length . . . cm

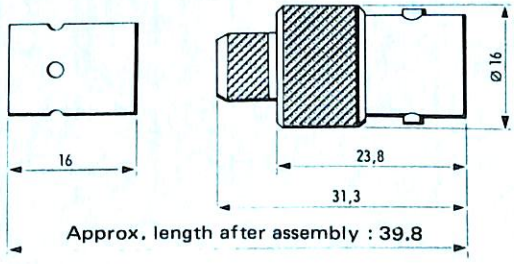
Straight Plug : R. 166 061 / cable RG. 214/U / Straight plug : R. 166 061 / Total length . . . cm



STRAIGHT SOLDER JACK

CODE **R. 166 218**	UG. 572 A/U R. 12 040	10/50 11/50	11,2	C	36

STRAIGHT CRIMP JACK



CODE **R. 166 241**	R. 12 300	RG. 213/U KX. 4	11,2	E	

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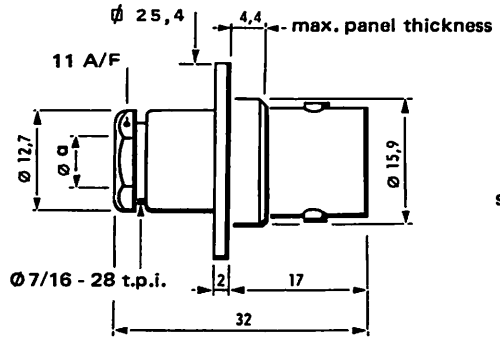
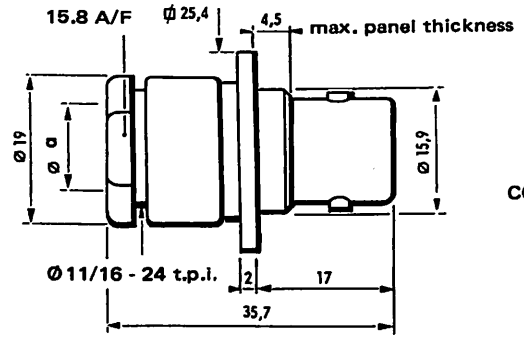
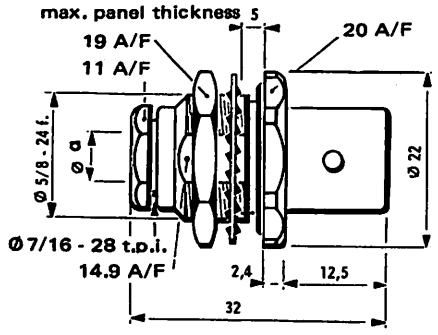
★ *Detailed Assembly Instructions are shown on pages D8- 7-8*
▲ *Panel Piercing Dimensions are shown on pages B1- 1 and 2*
■ *Flange Dimensions are shown on page D8- 6*



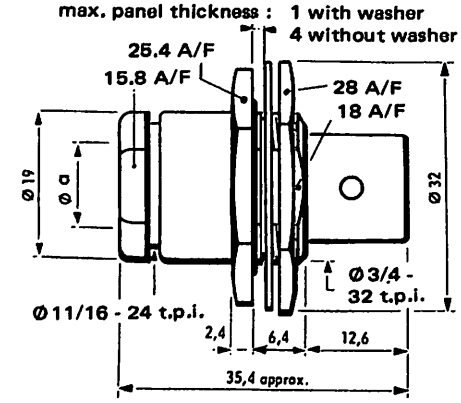
	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Øa	ASSEMBLY CODE ★	PANEL PIERCING CODE ▲	WEIGHT g.
CHASSIS JACK ■ shouldered centre contact						
CODE **R. 166 256**	R. 12 200	5/50	5,6	B		28
CODE **R. 166 262**	R. 12 190	6/75 6/93	6,4	B	a36 or a19	27
CODE **R. 166 278**	R. 12 310	. 250	6,4	G		25



	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Øa	ASSEMBLY CODE ★	PANEL PIERCING CODE ▲	WEIGHT g.
CHASSIS JACK ■						
CODE **R. 166 268**	UG. 571 A/U R. 12 030	10/50 11/50	11,2	C	a26 or a19	40

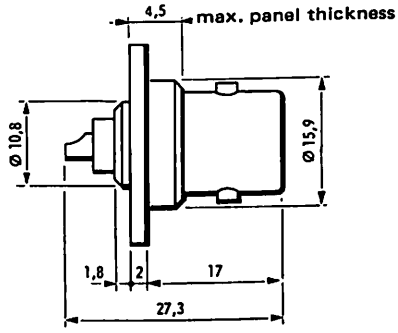


	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Øa	ASSEMBLY CODE ★	PANEL PIERCING CODE ▲	WEIGHT g.
BULKHEAD JACK shouldered centre contact						
CODE **R. 166 326**	R. 12 160	5/50	5,6	B	e3	28
CODE **R. 166 328**	UG. 631 A/U R. 12 140	6/75 6/93	6,4	B	e3	27



	OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Øa	ASSEMBLY CODE ★	PANEL PIERCING CODE ▲	WEIGHT g.
BULKHEAD JACK						
CODE **R. 166 332**	UG. 570 A/U R. 12 130	10/50 11/50	11,2	C	e2	55

▲ *Panel Piercing Dimensions are shown on pages B1- 1 and 2*
■ *Flange Dimensions are shown on page D8- 6*

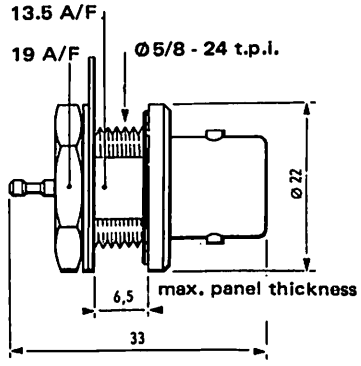


CHASSIS RECEPTACLE ■

CODE **R. 166 404**

Flange Gasket
see page D8- 6

OTHER PART NUMBER	PANEL PIERCING CODE ▲	WEIGHT g.
UG. 568/U R. 12 020	a31 or a19	24



HERMETIC BULKHEAD RECEPTACLE

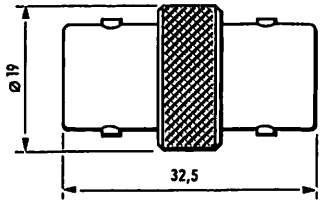
glass/metal seal

CODE **R. 166 607**

Operating temperature range
- 40 + 100° C

R. 12 360	h 3		

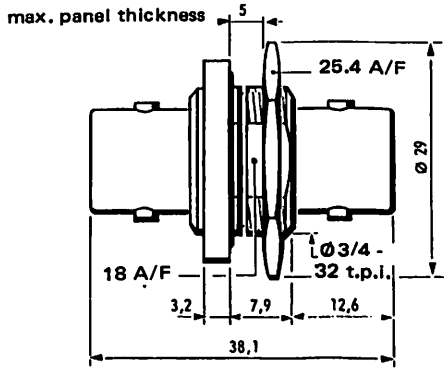
in-series adaptors



STRAIGHT ADAPTOR M - M

CODE **R. 166 703**

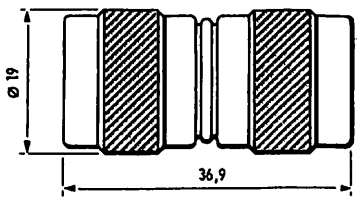
UG. 642 A/U R. 12 170			42



STRAIGHT ADAPTOR F - F

CODE **R. 166 705**

UG. 643/U R. 12 090			27



STRAIGHT HERMETIC BULKHEAD RECEPTACLE

glass/metal seal

CODE **R. 166 753**

Hermetic : - 40 + 100° C

UG. 701/U R. 12 150	e2		48

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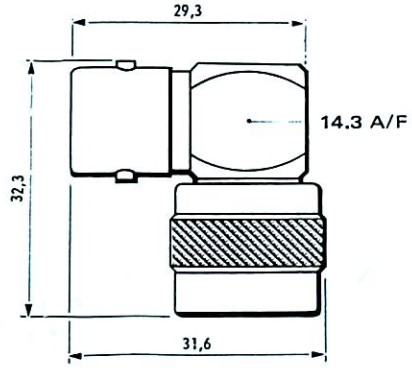
ELBOW ADAPTOR M - F

CODE **R. 166 770**

Other Part N° : UG. 567 A/U - R. 12 010

Weight : 44 g.

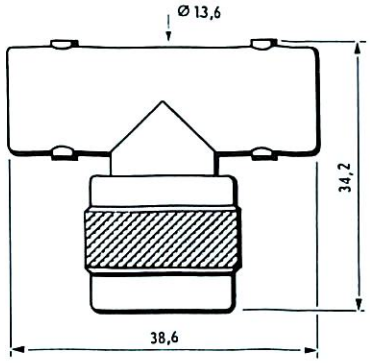


TEE - ADAPTOR F - F M

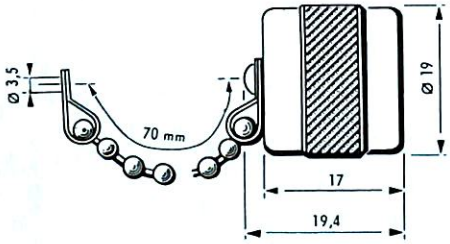
CODE **R. 166 780**

Other Part N° : UG. 566 A/U - R. 12 000

Weight : 47 g.



cap

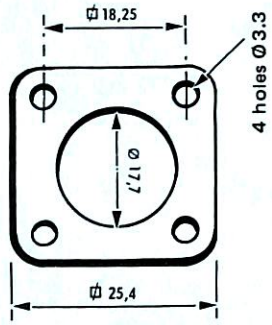


CAP AND CHAIN

CODE **R. 166 811**

Other Part N° : MX. 1142/U - R. 12 060

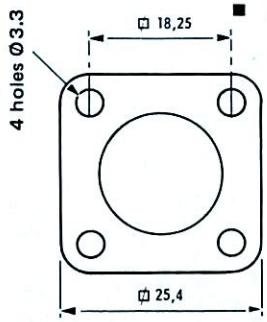
Weight : 20 g.



NEOPRENE FLANGE GASKET

CODE **R. 280 505**

■ **FLANGE DIMENSIONS**

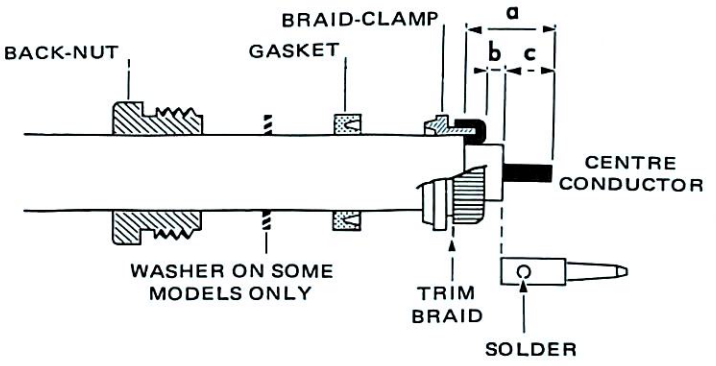


coaxial adaptors

1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE	MIL REF.	OTHER REFERENCE	WEIGHT g.
C male	BNC fem.	R. 191 429	UG. 636 A/U	R. 20 320	26
C male	N fem.	R. 191 705	UG. 565 A/U	R. 20 150	46
C male	HN fem.	R. 191 933	UG. 703 A/U	R. 20 130	
C fem.	N male	R. 191 703	UG. 564/U	R. 20 140	42
C fem.	N fem.	R. 191 708		R. 20 490	38
C fem.	UHF male	R. 191 921	UG. 637/U	R. 20 200	42
C fem.	HN male	R. 191 931	UG. 702/U	R. 20 120	52

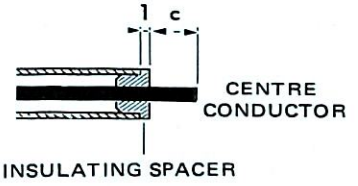
IMPROVED BRAID - CLAMP WITH V - GROOVE GASKET

Stripping Dimension	a	b	c
A	9	3,5	4
B	9,5	5	3
C	7,5	1,5	4
D	6,5	1,5	3



For air - spaced cables
reduce dimension « **b** » by 1 mm

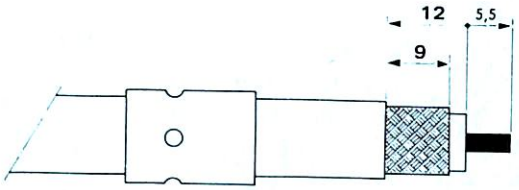
Introduce the insulating spacer into the dielectric and solder the centre-contact flush against the spacer.

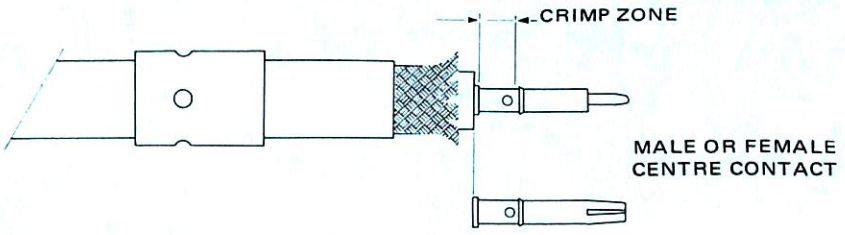


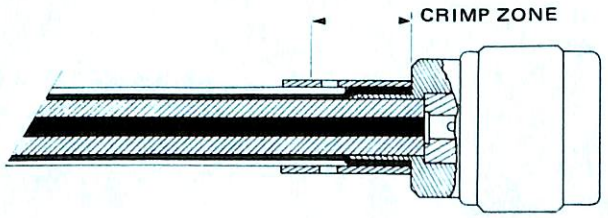
CRIMP CONNECTORS

CODE **E**

CRIMP TOOLS : Thomas and Betts WT. 305
or BUCHANAN M - 22 910/7 - 1
dies 613 148
or ERMA 29 010 with
N° 29 290 DIES





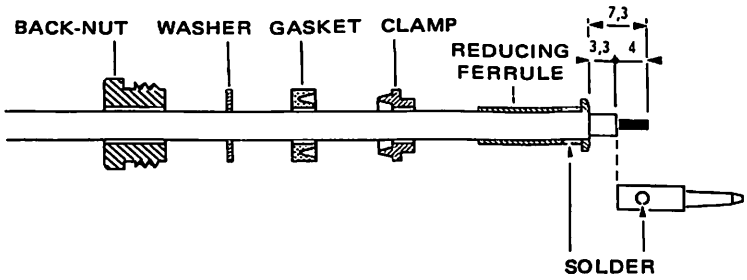


729 - Printed in France

assembly instructions

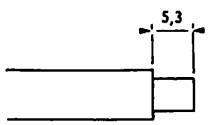
0 . 141 SEMI - RIGID CABLE

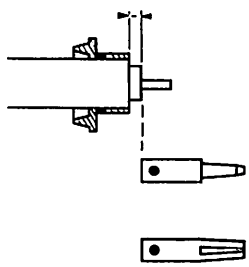
CODE **F**



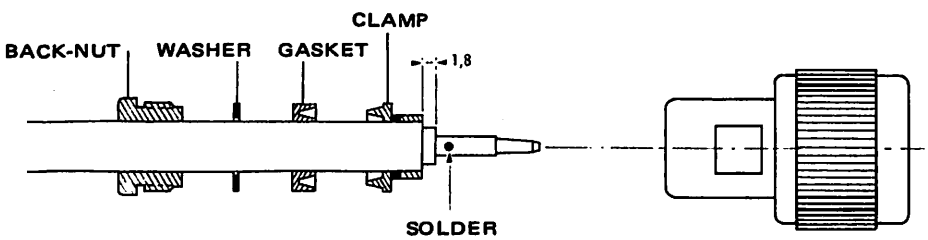
0 . 250 SEMI - RIGID CABLE

CODE **G**

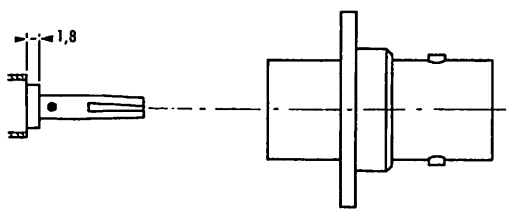




MALE
OR FEMALE
CENTRE CONTACT



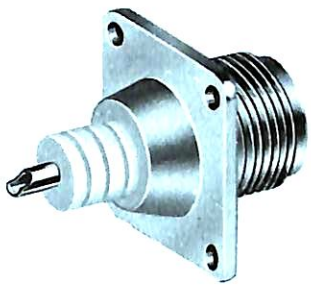
PLUG CODE R. 166 053

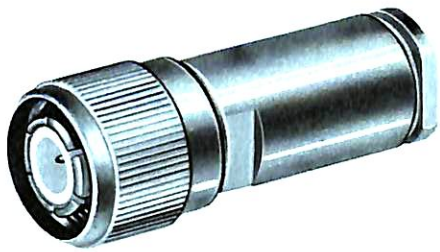


CHASSIS JACK CODE R. 166 278

HN series

S.T.T.A. MARINE APPROVED





GENERAL CHARACTERISTICS

Specifications MIL - C - 3 643 A
- Interchangeable and intermateable with analogous American types
- Splash proof
- Materials : flexible contacts : beryllium bronze
  other metal parts : brass
  insulators : teflon
  gaskets : silicone rubber
- Plating : centre contacts : silver
  other parts : N.S.R.
- Operating temperature range : - 55° C + 155°. C

ELECTRICAL CHARACTERISTICS

- Test voltage : mated connectors : 8 000 V.r.m.s. at 50 cycles excepting models adapted for cable groups 5/50, 6/75 and 6/93 and the N series M - F elbow adaptor 5 000 V.r.m.s.
- Maximum continuous voltage : 5 000 volts peak excepting models adapted for cable groups 5/50, 6/75 and 6/93 and the N series M-F elbow adaptor 3 000 volts peak
- Characteristic impedance : 50 Ohm
- Maximum operating frequency : 3 GHz
- V.S.W.R. - less than 1.25 up to 2 GHz

COAXIAL CABLES recommended for use with the HN series

GROUP 5/50	GROUP 6/75	GROUP 6/93	GROUP 22/50	GROUP 10/50	GROUP 11/50	GROUP 14/50
50 Ω	**75 Ω**	**100 Ω**	**50 Ω**	**50 Ω**	**50 Ω**	**50 Ω**
RG. 58 C/U	RG. 59 B/U	RG. 62 B/U	RG. 218/U	RG. 165/U	RG. 214/U	RG. 217/U
RG. 141 A/U	RG. 140/U	RG. 71 B/U	RG. 219/U ○	RG. 213/U	RG. 225/U	
RG. 142 B/U				RG. 215/U ○		
RG. 223/U	KX. 6 A	KX. 30	KX. 14		KX. 13	
	KX. 25			KX. 4	KX. 24	
KX. 15	KX. 52	**125 Ω**				
KX. 23	KX. 53	125 PMSA				

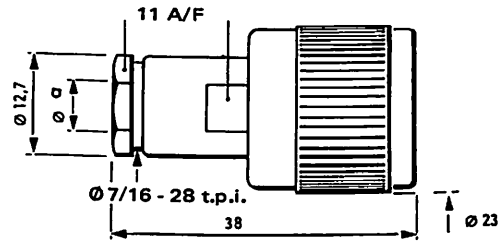
○ *Armoured cables requiring an armour-clamp in place of back nut assembly.*

Ⓡ Regd. trade mark.

Printed in France

★ *Detailed Assembly instructions are shown on page D9- 4*

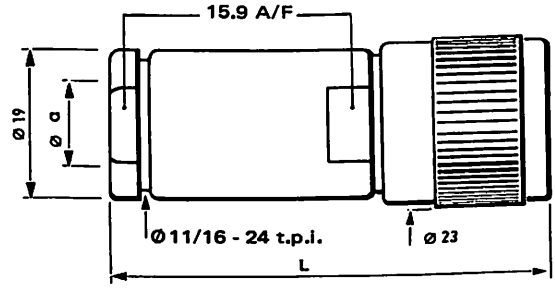
plugs



STRAIGHT SOLDER PLUG
shouldered centre contact
CODE **R. 176 006**

CODE **R. 176 012**

OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE Ø a	ASSEMBLY ★ CODE	WEIGHT g.
R. 7 090	5/50	5.6	A	48
R. 7 060	6/75 6/93	6.4	A	47

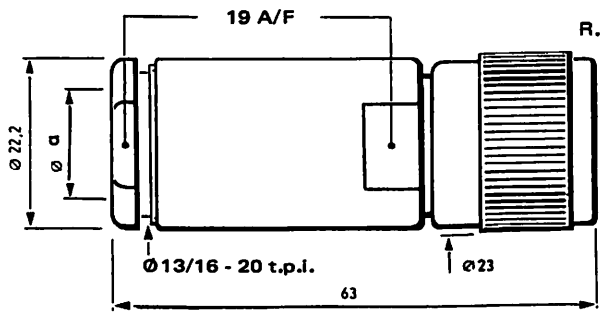


STRAIGHT SOLDER PLUG
shouldered centre contact
CODE **R. 176 019**

CODE **R. 176 018**
Adapted to 3 GHz

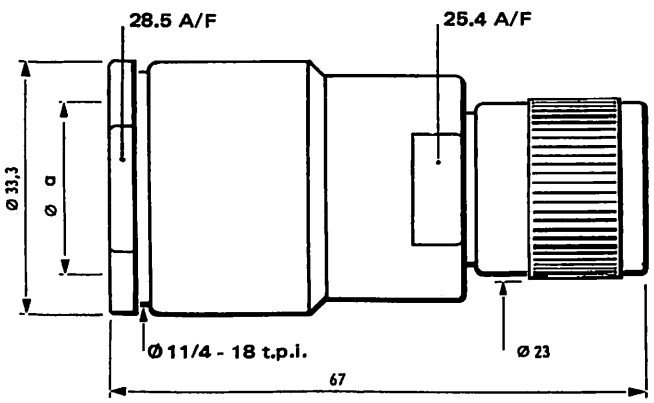
CODE	OTHER PART N°	L
R. 176 019	UG. 59 D/U R. 7 000	56.5
R. 176 018	R. 7 050	49

OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE Ø a	ASSEMBLY ★ CODE	WEIGHT g.
UG.59 D/U R. 7 000	10/50 11/50	11.2	C	83
R. 7 050	10/50 11/50	11.2	B	72



STRAIGHT SOLDER PLUG
shouldered centre contact
CODE **R. 176 027**

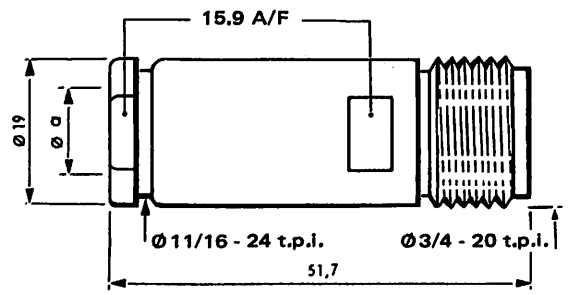
OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE Ø a	ASSEMBLY ★ CODE	WEIGHT g.
UG 494 A/U R. 7 150	14/50	14.3	D	95



STRAIGHT SOLDER PLUG
shouldered centre contact
CODE **R. 176 029**

OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE Ø a	ASSEMBLY ★ CODE	WEIGHT g.
UG495 B/U R. 7 130	22/50	22.6	D	184

jacks



STRAIGHT SOLDER JACK

CODE **R. 176 218**

OTHER PART NUMBER	CABLE GROUP	MAX. EXT CABLE Ø a	ASSEMBLY ★ CODE	WEIGHT g.
UG.60 D/U R. 7 010	10/50 11/50	11.2	C	66

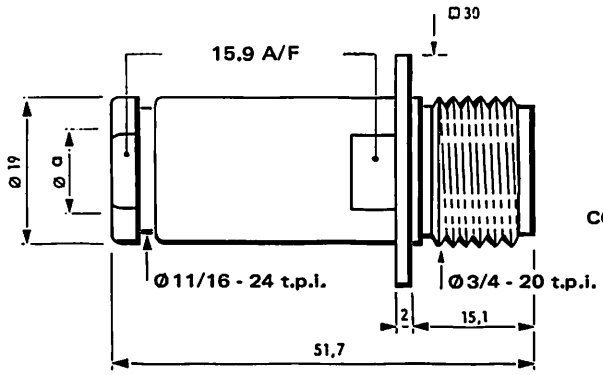
D 9

★ *Detailed Assembly Instructions are shown on page D9- 4*
▲ *Panel Piercing Dimensions are shown on pages B1- 1-2*
■ *Flange Dimensions are shown on page D9- 4*

OTHER PART NUMBER	CABLE GROUP	MAX. EXT. CABLE Ø a	ASSEMBLY CODE ★	PANEL PIERCING CODE ▲	WEIGHT g.
UG. 61 D/U R. 7 020	11/50	11.2	C	a 27	75

CHASSIS JACK ■

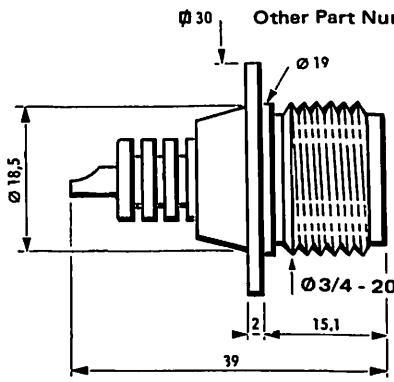
CODE **R. 176 268**



CHASSIS RECEPTACLE

CODE **R. 176 404**

Other Part Number : UG. 496/U R. 7 030



Weight : 38 g.

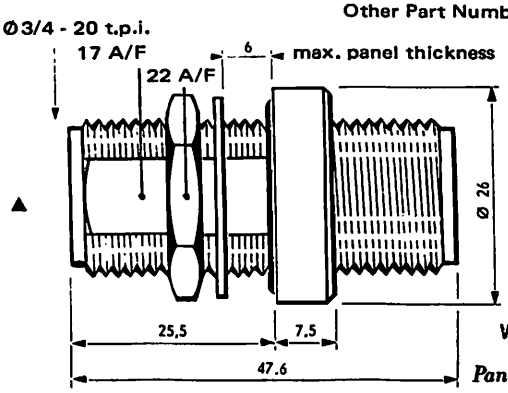
Panel Piercing code a34 or a27 ▲

STRAIGHT BULKHEAD ADAPTOR F - F

with panel seal

CODE **R. 176 754**

Other Part Number : R. 7 080



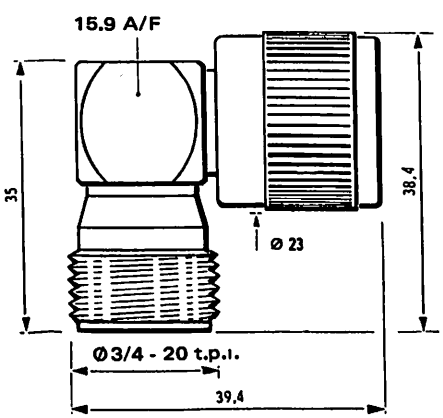
Weight : 80 g.

Panel Piercing code h4 ▲

ELBOW ADAPTOR M - F

CODE **R. 176 770**

Other Part Number : UG. 212 C/U R. 7 040

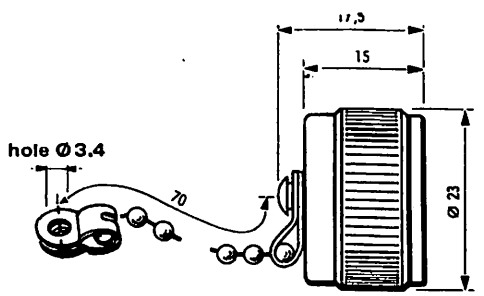


Weight : 73 g.

CAP & CHAIN

CODE **R. 176 811**

Other Part Number : R. 7 070



Weight : 21 g.

COAXIAL SWITCHING DEVICES

Relays . . . . . *see page J1*
Rotary switches . . . . . *see page J10*

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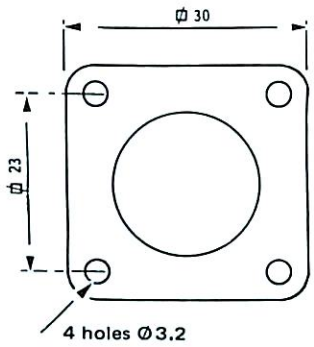
adaptors

■ FLANGE DIMENSIONS

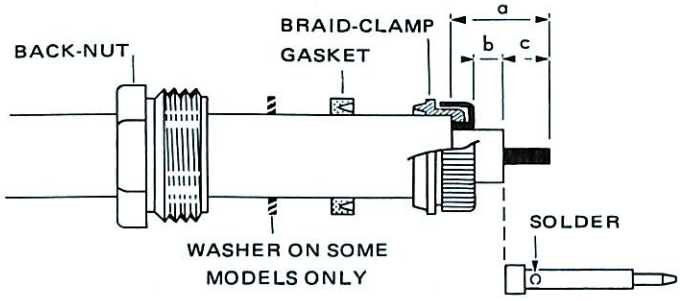


SEE PAGE D1 FOR ADAPTORS FROM « C » TO OTHER SERIES

assembly instructions

CODE **A B C D**

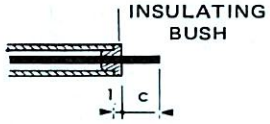
Stripping Dimension	a	b	c
A	15	9	4.5
B	11.5	3.5	6
C	15.5	7.5	6
D	16.5	7.5	6



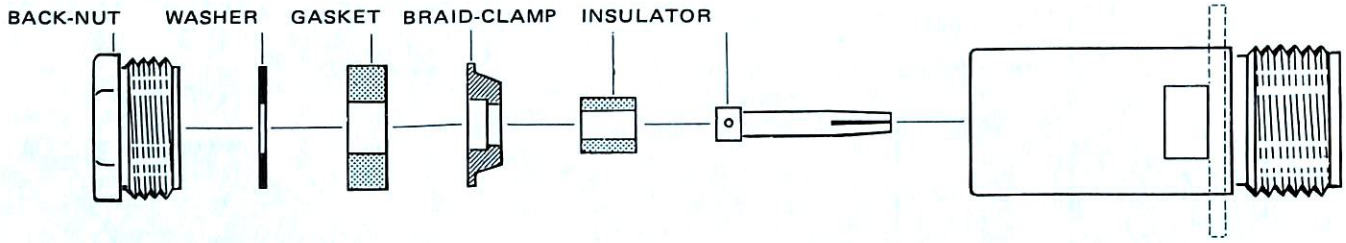
For air dielectric cables

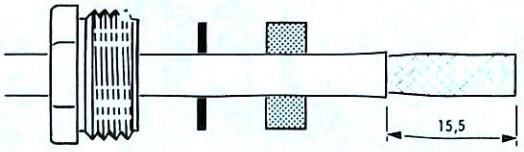
reduce dimension « **b** » by 1 mm

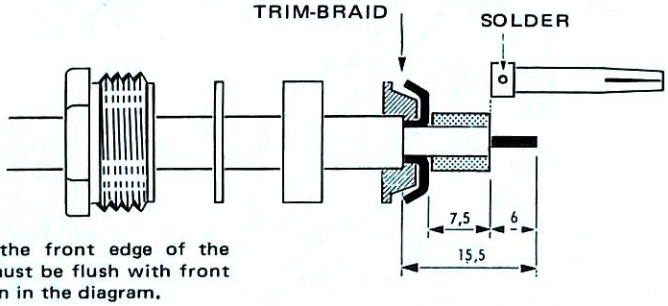
Introduce the insulating spacer into the dielectric and solder the centre-contact flush agamst the spacer.



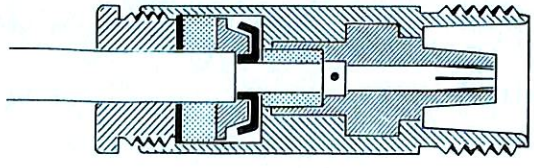
CODE **E**







After assembly the front edge of the centre contact must be flush with front insulator as shown in the diagram.

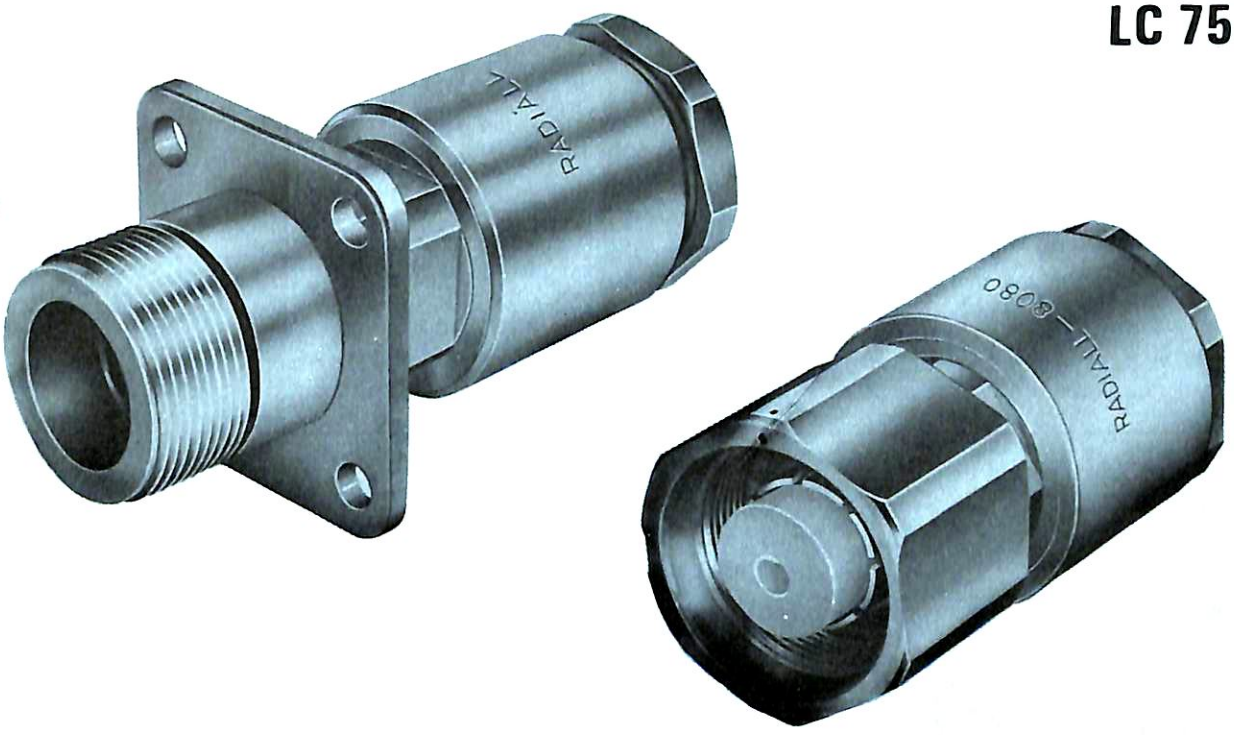


LC series

LC 10kv series

LC 75 Ω series

GAM Listed



These three series are not interchangeable with each other.
The LC series and LC - 10 Kv series are interchangeable with analogous American types.

GENERAL CHARACTERISTICS common to the three series

Specification : MIL - C - 3 650 and MIL - C - 3 650 A

These connectors are extremely robust and are designed for use on coaxial cables up to a diameter of 25 mm. The range also includes types for use with armoured cable up to a maximum of 29 mm.

- splash proof
- materials : female centre contacts and all flexible parts : beryllium bronze
  other metal parts : brass
  insulators : teflon or polyethylene
  gaskets : silicone or neoprene

- Operating temperature range :	teflon insulators - 55 + 155° C	polyethylene insulators - 40 + 70° C
	silicone rubber gaskets - 55 + 155° C	neoprene gaskets - 55 + 125° C

Printed in France

LC series

LC 10kv series
LC 75 Ω series

ELECTRICAL CHARACTERISTICS

	LC Series	LC - 10 Kv Series	LC - 75 Ω Series
- Characteristic impedance	50 Ω	50 Ω	75 Ω
- Maxm. operating frequency	5 000 MHz	5 000 MHz	5 000 MHz
- V.S.W.R. at 1 000 MHz	<1.10	<1.10	<1.15
- Test Voltage	5 000 V.r.m.s. 50 Hz	10 000 V.r.m.s. 50 Hz	5 000 V.r.m.s. 50 Hz
- Maxm. peak operating voltage	5 000 Volts	10 000 Volts	5 000 Volts
- Maxm. peak power	60 Kw	250 Kw	40 Kw

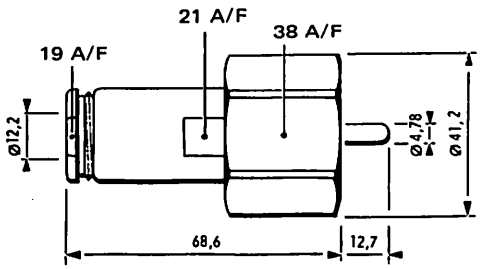
	frequency	cable : polyethylene connector : polyethylene	cable : teflon RG. 119/U connector : teflon
- Maxm. power	at 50 MHz	5 400 watts	10 000 watts
	at 100 MHz	3 200 watts	6 800 watts
	at 500 MHz	900 watts	4 600 watts
- Ambient temperature : 40° C	at 1 000 MHz	540 watts	1 600 watts
	at 3 000 MHz	240 watts	800 watts
	at 5 000 MHz		500 watts

COAXIAL CABLES Recommended for use with LC/LC - 10 Kv/LC 75 Ω series

Non armoured cables		Other non-armoured cables	Armoured cables
10 mm / 50 Ω	11 mm / 50 Ω		
RG. 165/U	RG. 214/U	RG. 218/U	RG. 18 A/U
RG. 213/U	KX. 13	KX. 14	RG. 219/U
KX. 4	RG. 225/U	RG. 119/U (teflon)	50 GD armoured
RG. 215/U	KX. 24	50 GD	75 GD armoured
		75 GD	50 GP
			75 GP

plugs

P. polyethylene — N. Neoprene
T. Teflon — S. Silicone rubber



STRAIGHT SOLDER PLUG

Non stock item available on special order only

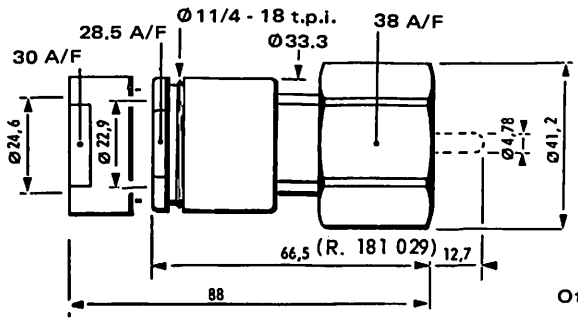
CODE **R. 181 020**

Other Part Number : R. 8 270

CODE **R. 181 021**

Other Part Number : R. 8 250

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
10 mm/50 Ω 11 mm/50 Ω	G	T	S	260
RG..119/U	G	T	S	250



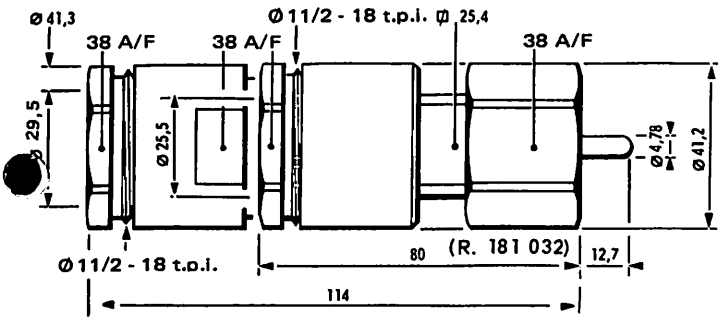
STRAIGHT SOLDER PLUG

CODE **R. 181 029**

Other Part Number : UG. 1 258/U
R. 8 210

Code : R. 181 029 + R. 280 129
Other Part N° : UG. 1258/U + MX. 1441/U
equivalent to UG. 154 A/U

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
RG. 218/U KX. 14	A		S	270
RG. 18 A/U RG. 219/U	B		S	340



STRAIGHT SOLDER PLUG

CODE **R. 181 032**

Code : R. 181 032 + R. 280 132
Other Part N° : R. 8080 + R. 8290

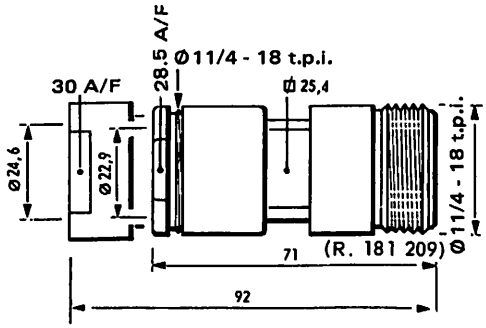
Code : R. 181 032 + R. 280 131
Other Part N° : R. 8080 + R. 8 330

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
50 GD	H	P	N	420
50 GD armoured	J	P	N	540
50 GP	J	P	N	540

D 10

jacks

D 12



STRAIGHT SOLDER JACK

CODE **R. 181 209**

Code : R. 181 209 + R. 280 129
Other Part N° : R. 8300 + MX. 1441/U

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
RG. 218/U KX. 14	E	P	S	240
RG. 18 A/U RG. 219/U	F	P	S	350

PANEL PIERCING

COAXIAL CABLES

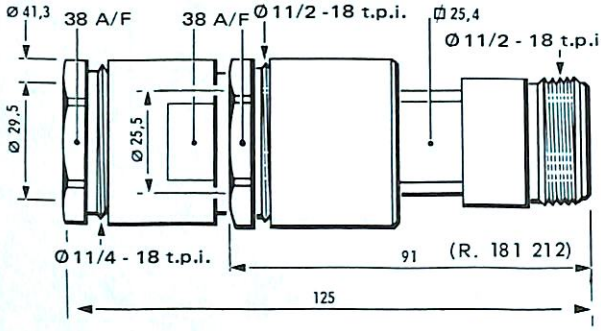
729 - Printed in France

LC series

▲ *Panel Piercing Dimensions are shown on pages B1- 1-2*

■ *Flange Dimensions are shown on page D10- 5*

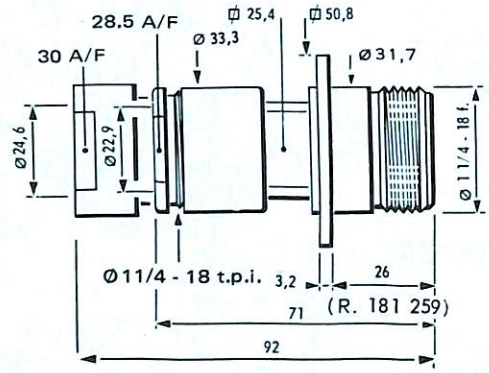
P. Polyethylene
N. Neoprene
S. elastomere silicone



STRAIGHT SOLDER JACK

CODE **R. 181 212**

CABLES	ASSEMBLY CODE	PANEL PIERCING CODE ▲	DIELECTRIC	GASKET	WEIGHT g.
Code : R. 181 212 + R. 280 132 — 50 GD	H		P	N	375
50 GD	J		P	N	495
Other Part Number : R. 8 230 + R. 8 290 — Armoured					
Code : R. 181 212 + R. 280 131 — 50 GP	J		P	N	495
Other Part Number : R. 8 230 + R. 8 330					

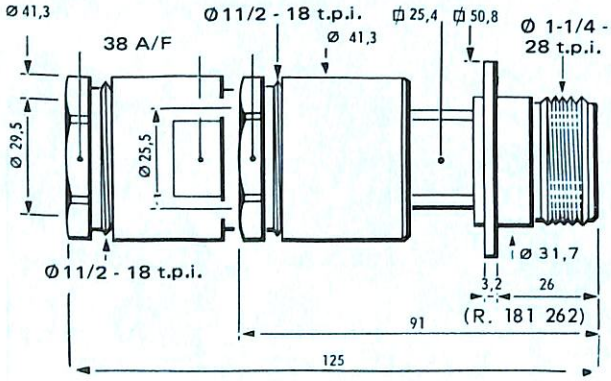


CHASSIS JACK ■

CODE **R. 181 259**

CABLES	ASSEMBLY CODE	PANEL PIERCING CODE ▲	DIELECTRIC	GASKET	WEIGHT g.
Other Part N° : R. 8 310 — RG. 218/U KX. 14	E	a24 or a12	P	S	295
Code : R. 181 259 + R. 280 129 — RG. 18 A/U RG. 219/U	F	a24 or a12	P	S	405
Other Part Number : R. 8 310 + MX. 1441/U					

Non stock-item available on special order only



CHASSIS JACK ■

CODE **R. 181 262**

CABLES	ASSEMBLY CODE	PANEL PIERCING CODE ▲	DIELECTRIC	GASKET	WEIGHT g.
Code : R. 181 262 + R. 280 132 — 50 GD	H	a14 or a12	P	N	430
Other Part Number : R. 8 090 + R. 8 290 — 50 GD armoured	J	a14 or a12	P	N	550
Code : R. 181 262 + R. 280 131					
Other Part Number : R. 8 090 + R. 8 330 — 50 GP	J	a14 or a12	P	N	550

Non stock item-available on special order only

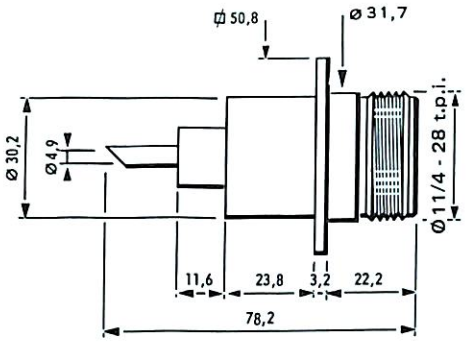
D 10

receptacles

▲ *Panel Piercing Dimensions are shown on pages B1- 1-2*

■ *Flange Dimensions are shown on pages D10- 5*

P. Polyethylene N. Neoprene T. Teflon



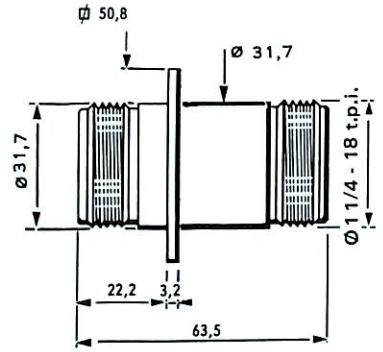
CHASSIS RECEPTACLE ■

CODE **R. 181 404**

Other Part Number : UG. 352 A/U
R. 8 000

PANEL PIERCING CODE ▲	DIELECTRIC	GASKET	WEIGHT g.
a16 or a12	T		235

in series adaptors

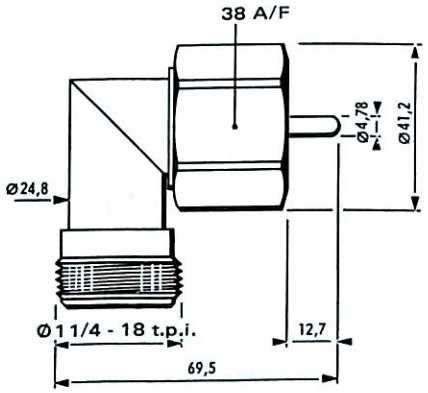


CHASSIS ADAPTOR F - F ■

CODE **R. 181 715**

Other Part Number : UG. 287/U
R. 8 150

a12	P		290



ELBOW ADAPTOR M - F

CODE **R. 181 770**

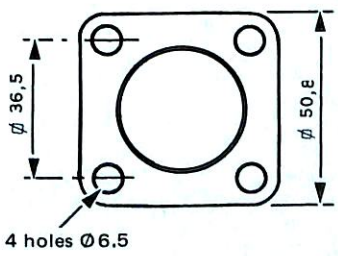
Other Part Number : UG. 216/U
R. 8 160

	P	N	300

inter - series adaptors

FOR COAXIAL ADAPTORS between LC and other series please see page

■ FLANGE DIMENSIONS



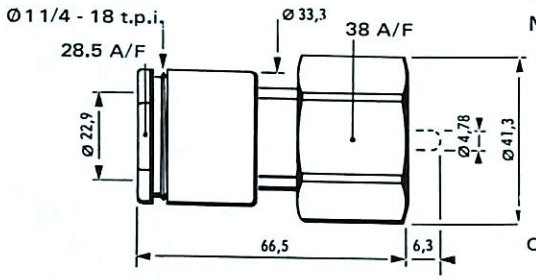
LC 10kv series

▲ *Panel Piercing Dimensions are shown on page B1- 1*

■ *Flange Dimensions are shown on page D6- 5*

P. Polyethylene T. Teflon
N. Neoprene S. Elastomere silicone

plugs

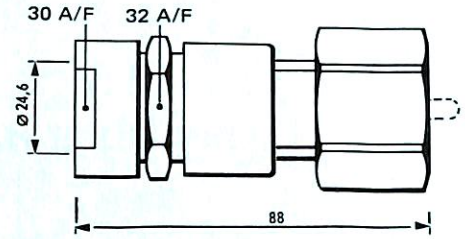


STRAIGHT SOLDER PLUG

CODE **R. 181 029**

Other Part Number : UG. 1258/U
R. 8 210

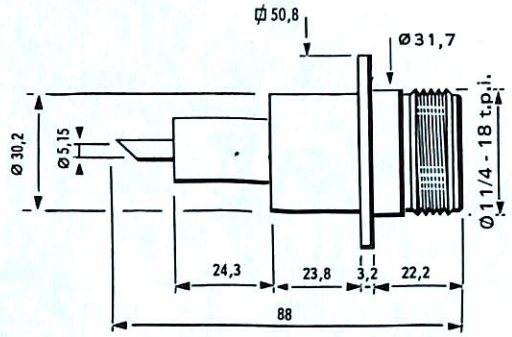
CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
RG. 218/U KX. 14	C		S	270



Code : R. 181 029 + R. 280 129
Other Part N° : UG. 1258/U + MX. 1441/U
equivalent to UG. 154 A/U

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
RG. 18 A/U RG. 219/U	D		S	340

receptacles



CHASSIS RECEPTACLE ■

CODE **R. 182 404**

Other Part Number : R. 8 180

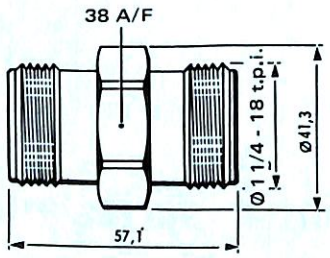
Panel Piercing Code : ▲
a16 or a12

Non stock item-available on special order only

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
		T		255

D
10

in series adaptors

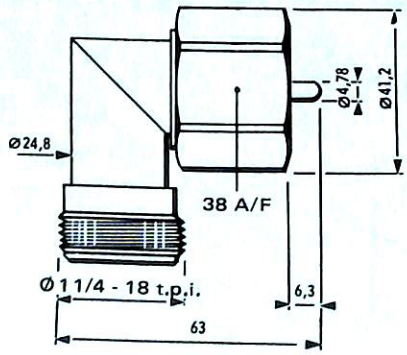


STRAIGHT ADAPTOR F - F

CODE **R. 182 705**

Other Part Number : UG. 155/U
R. 8 190

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
		P		250



ELBOW ADAPTOR M - F

CODE **R. 182 770**

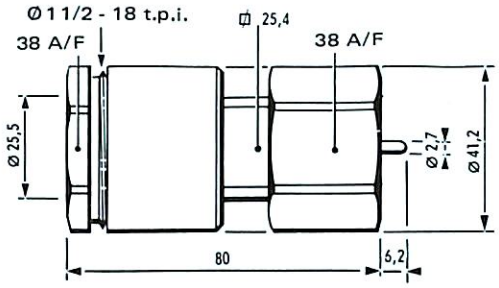
Other Part Number : UG. 208/U
R. 8 130

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
		P	N	300

▲ *Panel Piercing Dimensions are shown on page B1- 1*

■ *Flange Dimensions are shown on page D6- 5*

plugs

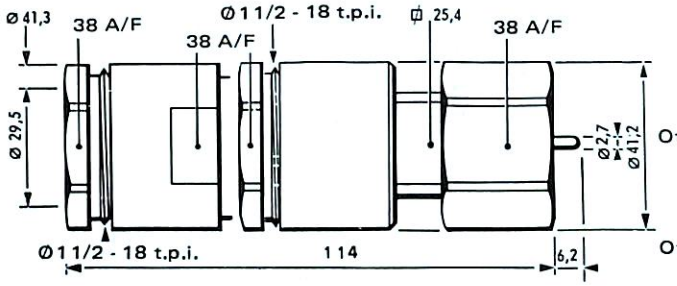


STRAIGHT SOLDER PLUG

CODE **R. 183 032**

Other Part Number : R. 8 110

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
75 GD	H	P	N	

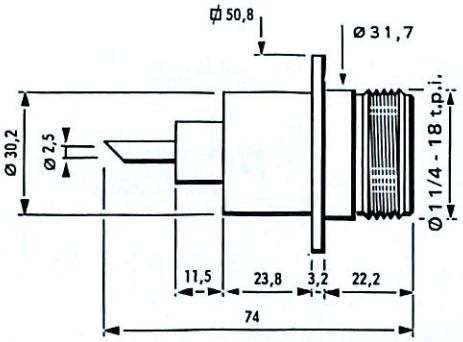


CODE **R. 183 032**
\+ **R. 280 132**
Other Part N° : R. 8 110 + R. 8 290

Code : R. 183 032
\+ R. 280 131
Other Part N° : R. 8 110 + R. 8 330

CABLES	ASSEMBLY CODE	DIELECTRIC	GASKET	WEIGHT g.
75 GD armoured	J	P	N	530
75 GP	J	P	N	530

receptacles



CHASSIS RECEPTACLE ■

CODE **R. 183 404**

Other Part Number : R. 8 120

Panel Piercing Code : ▲
a16 or a12

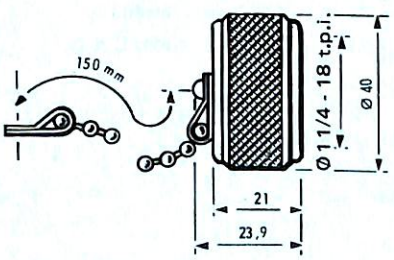
		T		225

caps

CAP AND CHAIN for JACKS and RECEPTACLES

CODE **R. 181 811**

Other Part Number : R. 8 320



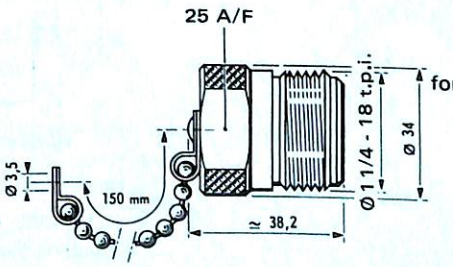
for LC
LC 10 KV
LC 75 Ω Series

Gasket : neoprene

CAP AND CHAIN FOR PLUGS

CODE **R. 181 841**

Other Part Number : R. 8 350



for LC
LC 10 KV.
LC 75 Ω Series

D 10

D 12

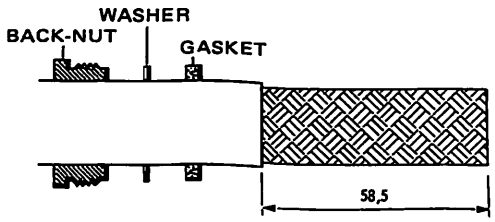
PANEL PIERCING

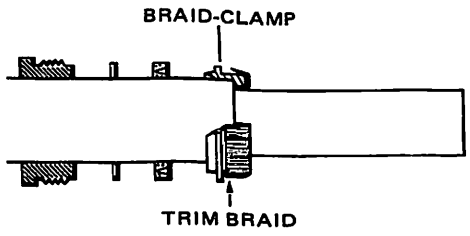
COAXIAL CABLES

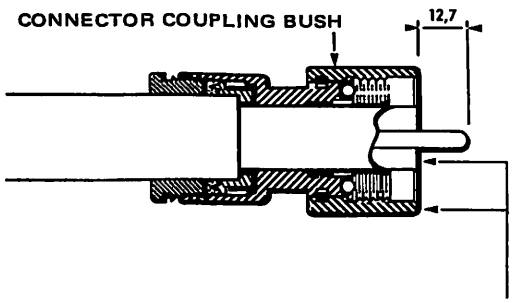
729 - Printed in France

LC series
assembly instructions

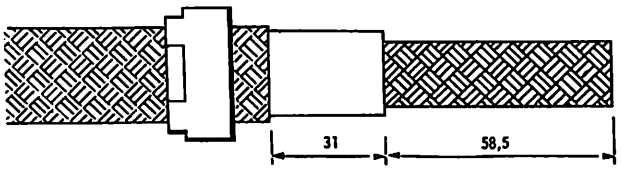
CODE
A

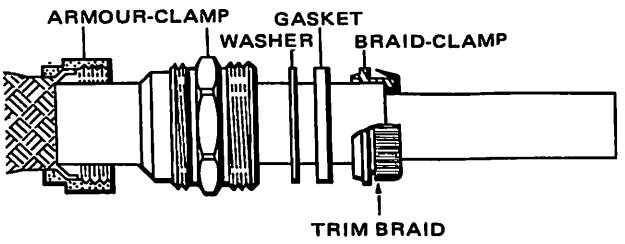


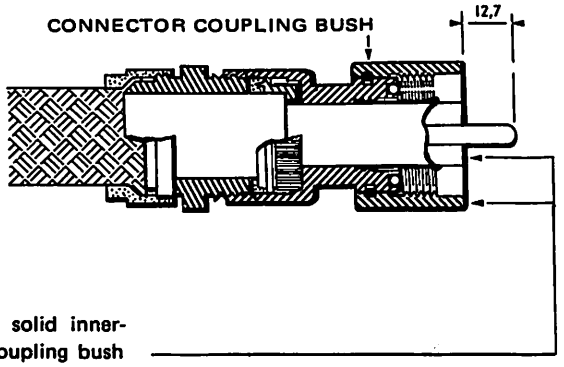




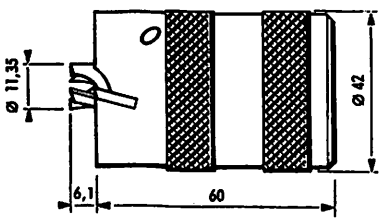
CODE
B







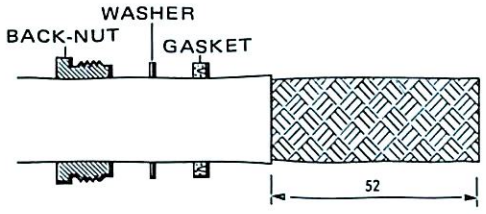
Strip the dielectric from the solid inner-conductor in line with the coupling bush face.
Round - off the end of the inner - conductor.

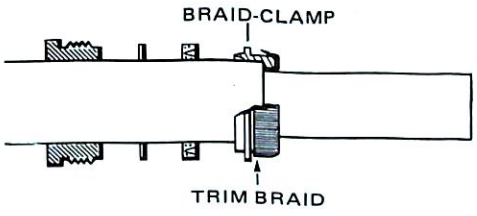


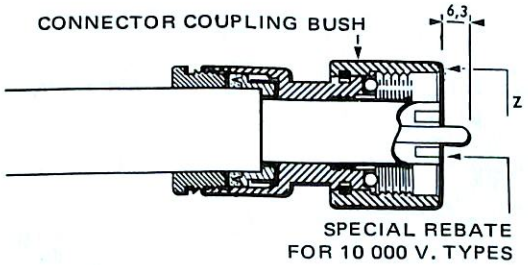
Hand-miller Code R. 282 015 (R. 8 200)
For rebating the dielectric of cables when assembling the LC - 10 Kv Series.

For use with assembly codes C & D

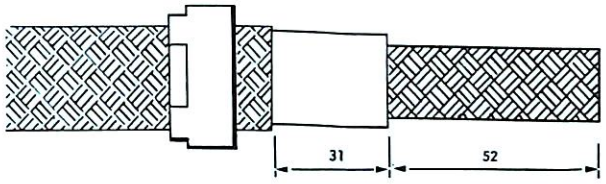
CODE
C

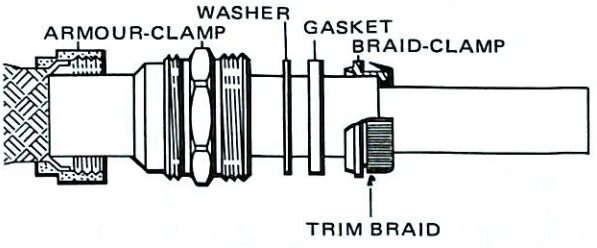


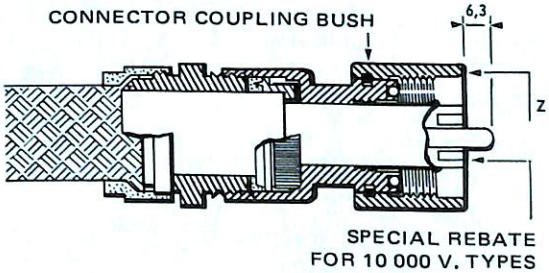




CODE
D







Strip the dielectric from the solid inner conductor to approximately 1 mm proud of face « Z ».
Rebate the dielectric using the hand miller code R. 282 915 - rebating is complete when the miller meets face « Z ». Trim and round - off the inner conductor. to 6.3 mm proud of dielectric.

D 10
D 12
PANEL PIERCING
COAXIAL CABLES

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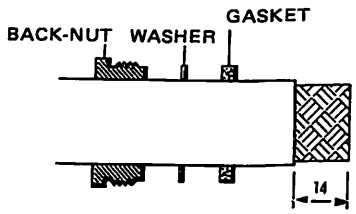
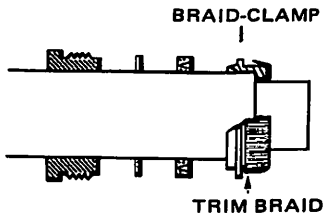
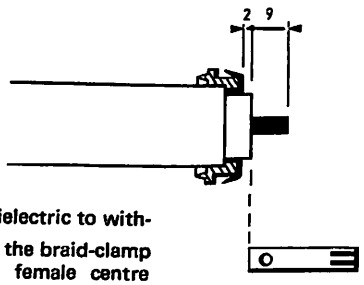
LC series
assembly instructions

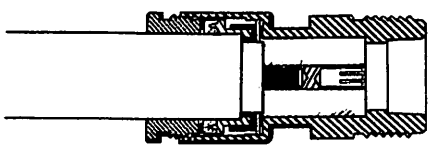
CODE
E



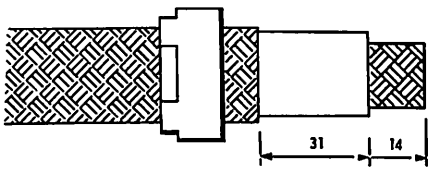


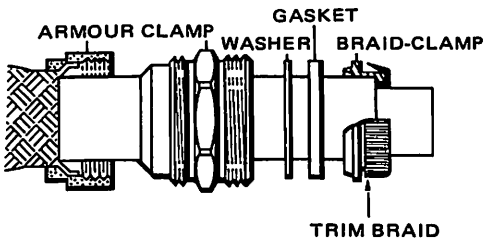


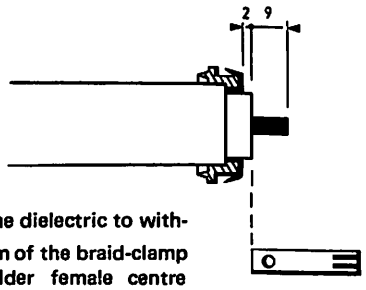
Strip the dielectric to with-
-in 2 mm of the braid-clamp
and solder female centre
contact.



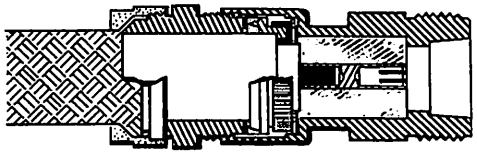
CODE
F



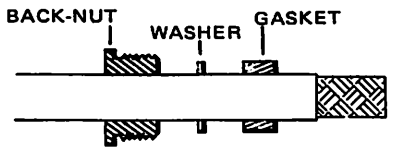


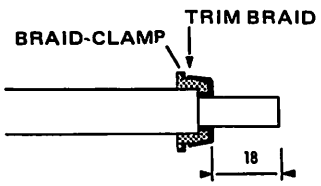


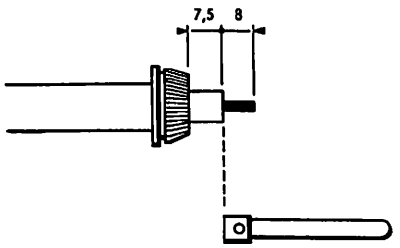
Strip the dielectric to with-
-in 2 mm of the braid-clamp
and solder female centre
contact.

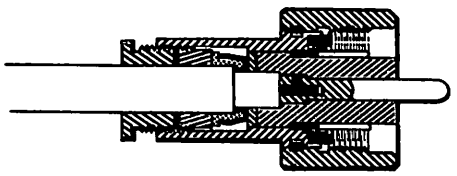


CODE
G

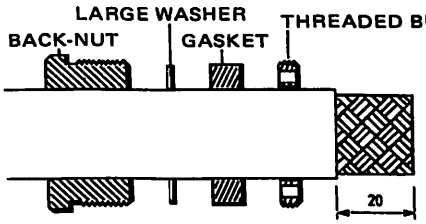


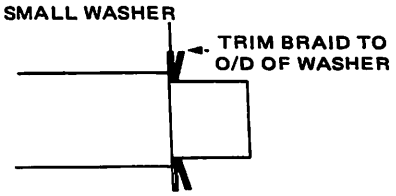


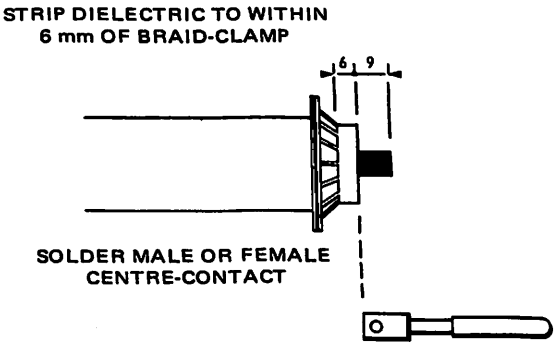


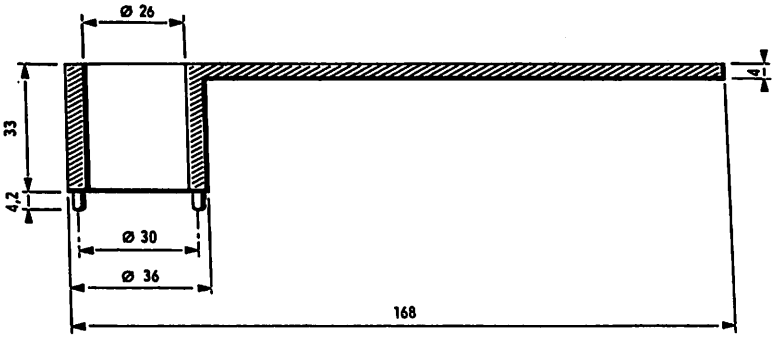


CODE
H

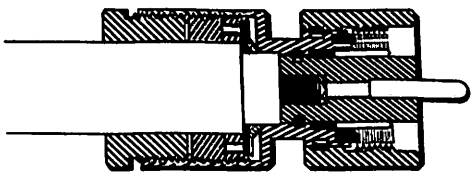








Box Spanner Code R. 282 310 (R. 8 100). For clamping the threaded bush (code H).



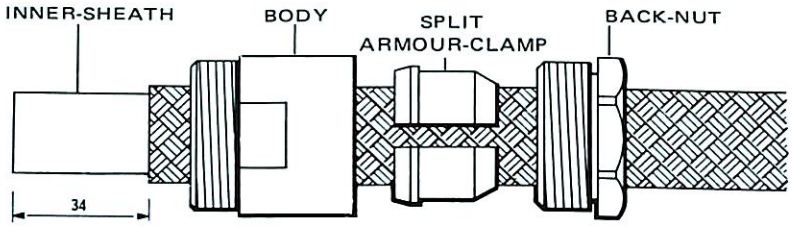
CLAMP THE THREADED BUSH BY SCREWING WITH SPANNER
Code R. 282 310 (R. 8 100)

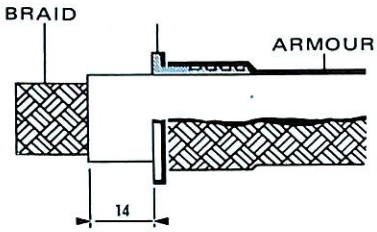
729 - Printed in France

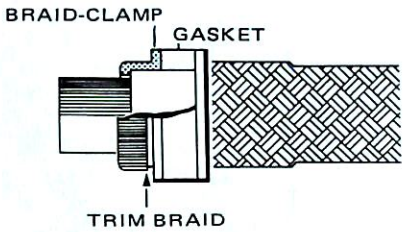
LC series
assembly instructions

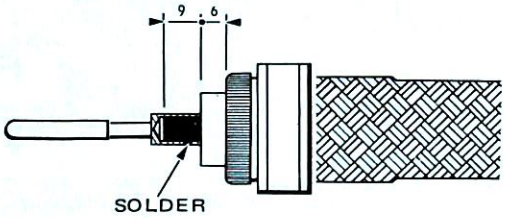
CODE

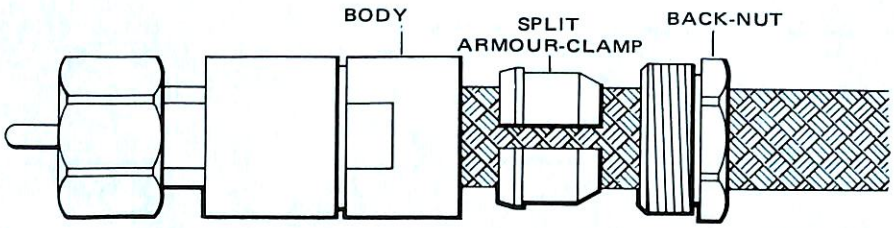
J

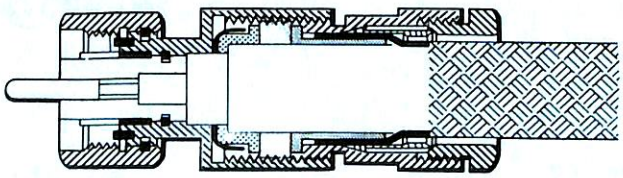












- Screw the body into the connector
- Introduce the split armour-clamp
- Tighten the back-nut.

D
10

GENERAL CHARACTERISTICS

Interseries coaxial adaptors permit the interconnection from one connector series to another.

The «male» and «female» sexes refer to the centre contacts fitted at each end of the adaptor.

Where a UG. . . . . /U reference is quoted, the items conform to the specification MIL - A - 27 434 A.

- Materials : bodies - male centre contacts : brass
  female centre contacts : beryllium bronze
  insulators : teflon
  (excepting models R. 191 731 and R. 191 445 which have silicone gaskets)

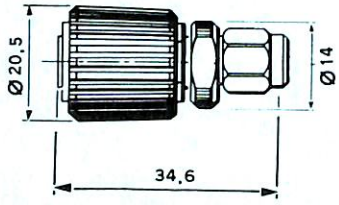
1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE	MIL. REF.	OTHER PART NUMBER	WEIGHT g.
APC 7	RiM male	R. 191 009		R. 20 970	
APC 7	RiM fem.	R. 191 011		R. 20 980	
APC 7	BNC male	R. 191 013		R. 20 990	
APC 7	BNC fem.	R. 191 015		R. 21 020	
APC 7	TNC male	R. 191 017		R. 21 030	
APC 7	TNC fem.	R. 191 019		R. 21 040	
APC 7	N male	R. 191 025		R. 20 950	
APC 7	N fem.	R. 191 027		R. 20 960	
RiM male	APC 7	R. 191 009		R. 20 970	
RiM male	BNC fem.	R. 191 303			
RiM male	TNC male	R. 191 309		R. 20 860	
RiM male	TNC fem.	R. 191 311		R. 20 850	
RiM male	N male	R. 191 325		R. 20 800	27
RiM male	N fem.	R. 191 327		R. 20 700	
RiM fem.	APC 7	R. 191 011		R. 20 980	
RiM fem	BNC male	R. 191 305			
RiM fem.	TNC male	R. 191 313		R. 20 790	
RiM fem	TNC fem.	R. 191 315		R. 20 840	
RiM fem	N male	R. 191 329		R. 20 710	
RiM fem	N fem.	R. 191 331		R. 20 830	45
RiM fem	N fem.	R. 191 332		R. 20 810	
RiM fem.	TNC fem.	R. 191 365			
BNC male	APC 7	R. 191 013		R. 20 990	
BNC male	SubVIS male	R. 191 117		R. 20 470	13
BNC male	SubCLIC male	R. 191 209		R. 20 460	13
BNC male	RiM fem.	R. 191 305			
BNC male	TNC fem.	R. 191 403		R. 20 510	18
BNC male	mQ fem.	R. 191 411		R. 20 270	12
BNC male	N fem.	R. 191 419	UG. 349 A/U	R. 20 100	31
BNC male	UHF fem.	R. 191 445	UG. 255/U	R. 20 010	23
BNC fem.	SubVIS male	R. 191 120		R. 20 590	13
BNC fem.	SubVIS fem.	R. 191 123		R. 20 640	7
BNC fem.	SubCLIC male	R. 191 212		R. 20 600	13
BNC fem.	SubCLIC fem.	R. 191 215		R. 20 650	8
BNC fem.	RiM male	R. 191 303			
BNC fem.	TNC male	R. 191 405		R. 20 500	18
BNC fem.	mQ male	R. 191 413		R. 20 260	28
BNC fem.	mQ fem.	R. 191 416		R. 20 910	
BNC fem.	N male	R. 191 421	UG. 201 A/U	R. 20 070	38
BNC fem.	N fem.	R. 191 422	id. UG. 606/U	R. 20 610	43
BNC fem.	N fem.	R. 191 424		R. 20 000	33
BNC fem.	C male	R. 191 429	UG. 636 A/U	R. 20 320	26
BNC fem.	UHF male	R. 191 447	UG. 273/U	R. 20 040	24
BNC fem.	HN male	R. 191 449	UG. 309/U	R. 20 360	46
BNC fem.	2 B4	R. 191 455		R. 20 940	

1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE	MIL. REF.	OTHER PART NUMBER	WEIGHT g.
N male	APC 7	R. 191 025		R. 20 950	
N male	SubVIS male	R. 191 141		R. 20 430	40
N male	SubCLIC male	R. 191 233		R. 20 450	40
N male	RiM male	R. 191 325		R. 20 800	45
N male	RiM fem.	R. 191 329		R. 20 710	
N male	BNC fem.	R. 191 421	UG. 201 A/U	R. 20 070	38
N male	TNC fem.	R. 191 513		R. 20 530	38
N male	mQ fem.	R. 191 606		R. 20 310	36
N male	C fem.	R. 191 703	UG. 564/U	R. 20 140	42
N male	UHF fem.	R. 191 731	UG. 146/U	R. 20 080	41
N fem.	APC 7	R. 191 027		R. 20 960	
N fem.	SubVIS male	R. 191 143		R. 20 420	24
N fem.	SubVIS fem.	R. 191 147		R. 20 660	27
N fem.	SubCLIC fem.	R. 191 239		R. 20 670	27
N fem.	RiM male	R. 191 327		R. 20 700	27
N fem.	RiM fem.	R. 191 331		R. 20 830	
N fem.	RiM fem.	R. 191 332		R. 20 810	
N fem.	BNC male	R. 191 419	UG. 349 A/U	R. 20 100	31
N fem.	BNC fem.	R. 191 422	id. UG. 606/U	R. 20 610	43
N fem.	BNC fem.	R. 191 424		R. 20 000	33
N fem.	TNC male	R. 191 511		R. 20 520	30
N fem.	mQ male	R. 191 603		R. 20 300	42
N fem.	mQ fem.	R. 191 609		R. 20 480	35
N fem.	C male	R. 191 705	UG. 565 A/U	R. 20 150	46
N fem.	C fem.	R. 191 708		R. 20 490	38
N fem.	UHF male	R. 191 733	UG. 83 A/U	R. 20 090	59
N fem.	HN male	R. 191 737		R. 20 580	61
N fem.	LC fem.	R. 191 741	UG. 270 A/U	R. 20 340	160
N fem.	LC male	R. 191 745		R. 20 680	
SubVIS male	BNC male	R. 191 117		R. 20 470	13
SubVIS male	BNC fem.	R. 191 120		R. 20 590	13
SubVIS male	N male	R. 191 141		R. 20 430	40
SubVIS male	N fem.	R. 191 143		R. 20 420	24
SubVIS fem.	BNC fem.	R. 191 123		R. 20 640	7
SubVIS fem.	N fem	R. 191 147		R. 20 660	27
SubCLIC male	BNC male	R. 191 209		R. 20 460	13
SubCLIC male	BNC fem.	R. 191 212		R. 20 600	13
SubCLIC male	mQ male	R. 191 225		R. 20 930	
SubCLIC male	mQ fem.	R. 191 228		R. 20 820	
SubCLIC male	N male	R. 191 233		R. 20 450	40
SubCLIC fem.	BNC fem.	R. 191 215		R. 20 650	8
SubCLIC fem.	N fem.	R. 191 239		R. 20 670	27

1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE	MIL. REF	OTHER PART NUMBER	WEIGHT g.
mΩ male	SubCLIC male	R. 191 225		R. 20 930	
mΩ male	BNC fem.	R. 191 413		R. 20 260	28
mΩ male	N fem.	R. 191 603		R. 20 300	42
mΩ male	UHF fem.	R. 191 630		R. 20 280	30
mΩ fem.	SubCLIC male	R. 191 228		R. 20 820	
mΩ fem.	BNC male	R. 191 411		R. 20 270	12
mΩ fem.	BNC fem.	R. 191 416		R. 20 910	
mΩ fem.	N male	R. 191 606		R. 20 310	36
mΩ fem.	N fem.	R. 191 609		R. 20 480	35
mΩ fem.	UHF male	R. 191 632		R. 20 290	34
TNC male	RiM male	R. 191 309		R. 20 860	
TNC male	RiM fem.	R. 191 313		R. 20 790	
TNC male	BNC fem.	R. 191 405		R. 20 500	18
TNC male	N fem.	R. 191 511		R. 20 520	30
TNC fem.	RiM male	R. 191 311		R. 20 850	
TNC fem.	RiM fem.	R. 191 315		R. 20 840	
TNC fem.	BNC male	R. 191 403		R. 20 510	18
TNC fem.	N male	R. 191 513		R. 20 530	38
TNC fem.	RiM fem.	R. 191 365			
C male	BNC fem.	R. 191 429	UG. 636 A/U	R. 20 320	26
C male	N fem.	R. 191 705	UG. 565 A/U	R. 20 150	46
C male	HN fem.	R. 191 933	UG. 703 A/U	R. 20 130	
C fem.	N male	R. 191 703	UG. 564/U	R. 20 140	42
C fem.	N fem.	R. 191 708		R. 20 490	38
C fem.	UHF male	R. 191 921	UG. 637/U	R. 20 200	42
C fem.	HN male	R. 191 931	UG. 702/U	R. 20 120	52

1ST ADAPTOR INTER-FACE	2ND ADAPTOR INTER-FACE	CODE	MIL. REF.	OTHER PART NUMBER	WEIGHT g.
UHF male	BNC fem.	R. 191 447	UG. 273/U	R. 20 040	24
UHF male	mΩ fem.	R. 191 632		R. 20 290	34
UHF male	N fem.	R. 191 733	UG. 83 A/U	R. 20 090	59
UHF male	C fem.	R. 191 921	UG. 637/U	R. 20 200	42
UHF fem.	BNC male	R. 191 445	UG. 255/U	R. 20 010	23
UHF fem.	mΩ male	R. 191 630		R. 20 280	30
UHF fem.	N male	R. 191 731	UG. 146/U	R. 20 080	41
HN male	BNC fem.	R. 191 449	UG. 309/U	R. 20 360	46
HN male	N fem.	R. 191 737		R. 20 580	61
HN male	C fem.	R. 191 931	UG. 702/U	R. 20 120	52
HN fem.	C male	R. 191 933	UG. 703 A/U	R. 20 130	41
2 B 4	BNC fem.	R. 191 455		R. 20 940	
2 D 4	BNC male	R. 191 453		R. 20 770	
LC male	N fem.	R. 191 745		R. 20 680	
LC fem.	N fem.	R. 191 741	id. UG. 270 A/U	R. 20 340	160
LC fem.	N fem.	R. 191 742	id. UG. 271 A/U	R. 20 350	208

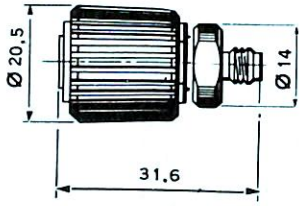
THE ADAPTOR DIAGRAMS ARE PRESENTED IN ORDER OF CODE N°



APC7 - RiM male

CODE **R. 191 009**

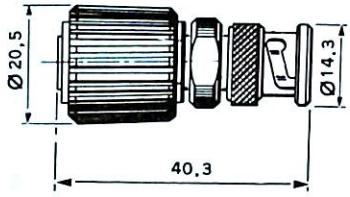
Other Part N° : R. 20 970



APC7 - RiM female

CODE **R. 191 011**

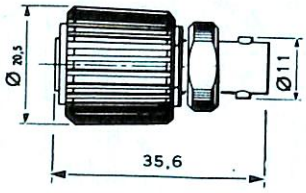
Other Part N° : R. 20 980



APC7 - BNC male

CODE **R. 191 013**

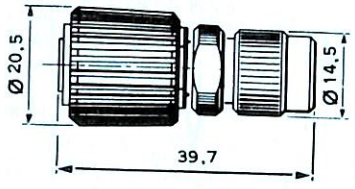
Other Part N° : R. 20 990



APC7 - BNC female

CODE **R. 191 015**

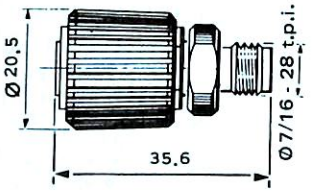
Other Part N° : R. 21 020



APC7 - TNC male

CODE **R. 191 017**

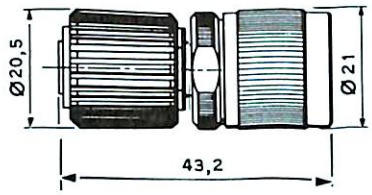
Other Part N° : R. 21 030



APC7 - TNC female

CODE **R. 191 019**

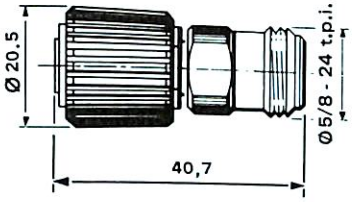
Other Part N° : R. 21 040



APC7 - N male

CODE **R. 191 025**

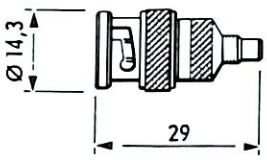
Other Part N° : R. 20 950



APC7 - N female

CODE **R. 191 027**

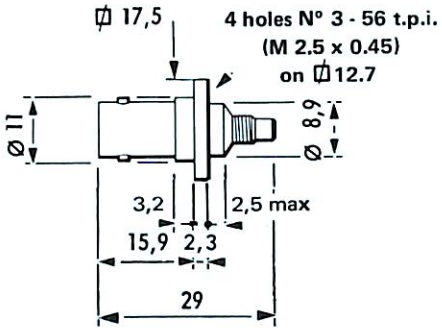
Other Part N° : R. 20 960



BNC male - SUBVIS male

CODE **R. 191 117**

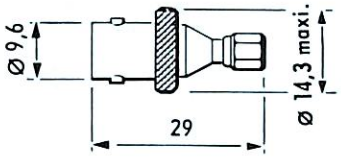
Other Part N° : R. 20 470



BNC female - SUBVIS male

CODE **R. 191 120**

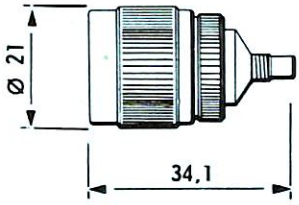
Other Part N° : R. 20 590



BNC female - SUBVIS female

CODE **R. 191 123**

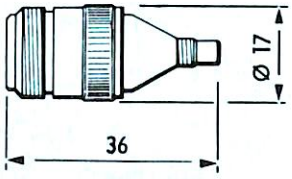
Other Part N° : R. 20 640



N male - SUBVIS male

CODE **R. 191 141**

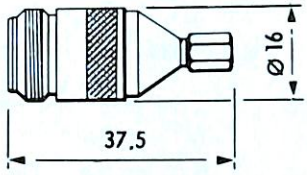
Other Part N° : R. 20 430



N female - SUBVIS male

CODE **R. 191 143**

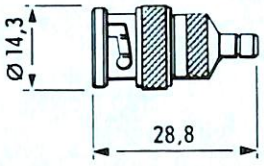
Other Part N° : R. 20 420



N female - SUBVIS female

CODE **R. 191 147**

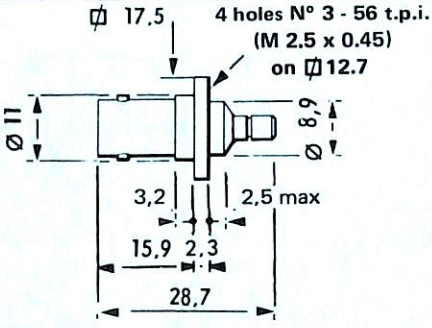
Other Part N° : R. 20 660



BNC male - SUBCLIC male

CODE **R. 191 209**

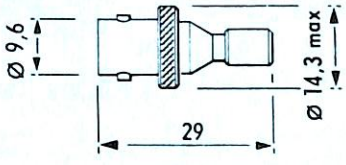
Other Part N° : R. 20 460



BNC female - SUBCLIC male

CODE **R. 191 212**

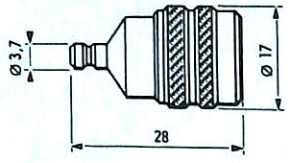
Other Part N° : R. 20 600



BNC female - SUBCLIC female

CODE **R. 191 215**

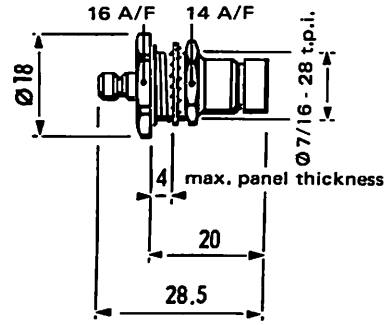
Other Part N° : R. 20 650



SUBCLIC male - mQ male

CODE **R. 191 225**

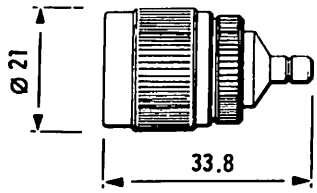
Other Part N° : R. 20 930



SUBCLIC male - mQ female

CODE **R. 191 228**

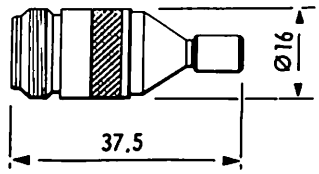
Other Part N° : R. 20 820



N male - SUBCLIC male

CODE **R. 191 233**

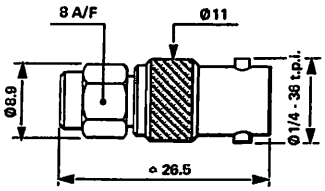
Other Part N° : R. 20 450



N female - SUBCLIC female

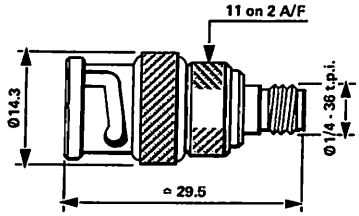
CODE **R. 191 239**

Other Part N° : R. 20 670



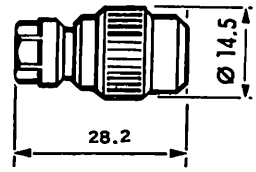
RiM male - BNC female

CODE **R. 191 303**



BNC male - RiM female

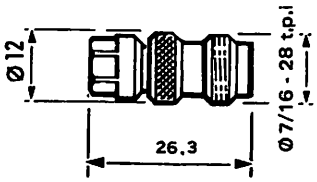
CODE **R. 191 305**



RiM male - TNC male

CODE **R. 191 309**

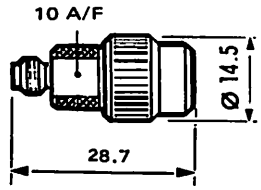
Other Part N° : R. 20 860



RiM male - TNC female

CODE **R. 191 311**

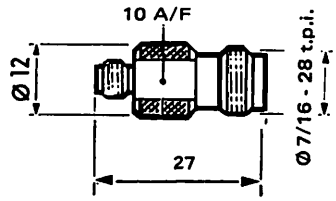
Other Part N° : R. 20 850



RiM female - TNC male

CODE **R. 191 313**

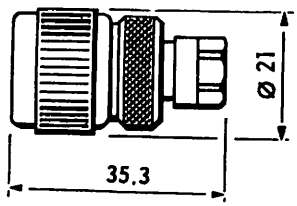
Other Part N° : R. 20 790



RiM female - TNC female

CODE **R. 191 315**

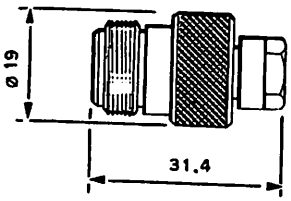
Other Part N° : R. 20 840



N male - RiM male

CODE **R. 191 325**

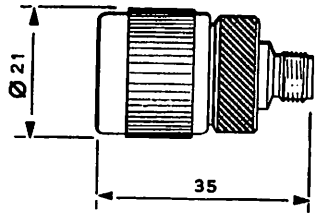
Other Part N° : R. 20 800



N female - RiM male

CODE **R. 191 327**

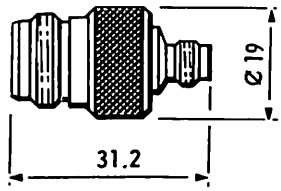
Other Part N° : R. 20 700



N male - RiM female

CODE **R. 191 329**

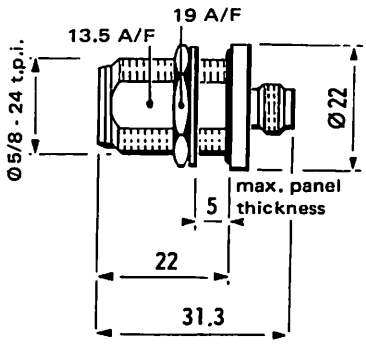
Other Part N° : R. 20 710



N female - RiM female

CODE **R. 191 331**

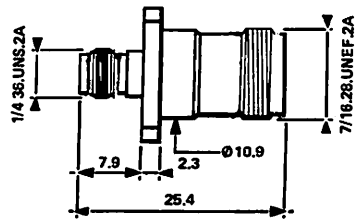
Other Part N° : R. 20 830



N female - RiM female

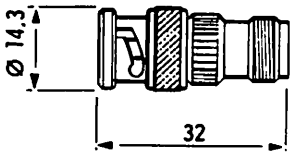
CODE **R. 191 332**

Other Part N° : R. 20 810



TNC female - RiM female

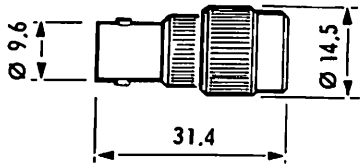
CODE **R. 191 365**



BNC male - TNC female

CODE **R. 191 403**

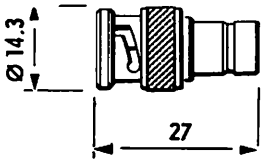
Other Part N° : R. 20 510



BNC female - TNC male

CODE **R. 191 405**

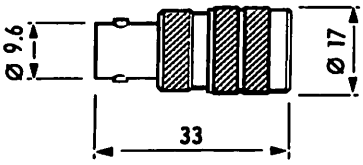
Other Part N° : R. 20 500



BNC male - mΩ female

CODE **R. 191 411**

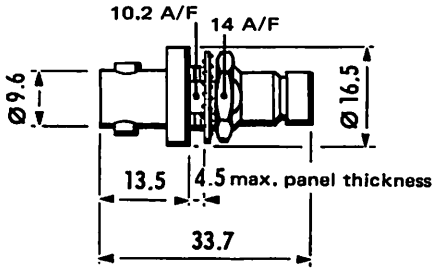
Other Part N° : R. 20 270



BNC female - mΩ male

CODE **R. 191 413**

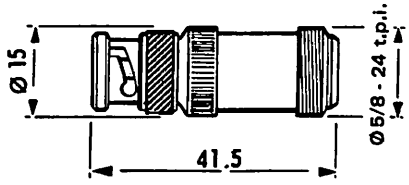
Other Part N° : R. 20 260



BNC female - mΩ female

CODE **R. 191 416**

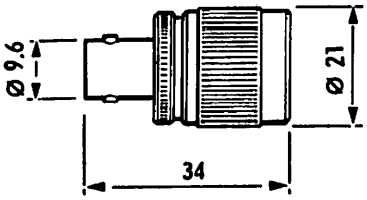
Other Part N° : R. 20 910



BNC male - N female

CODE **R. 191 419**

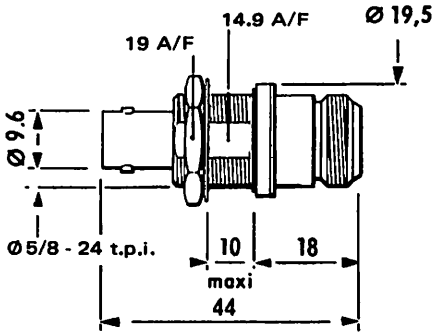
Other Part N° : R. 20 100



BNC female - N male

CODE **R. 191 421**

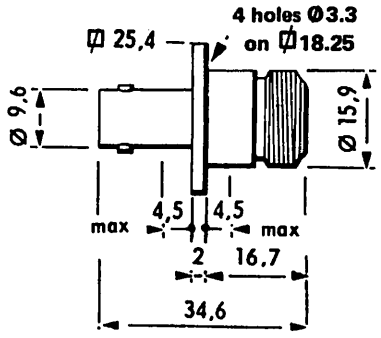
Other Part N° : R. 20 070



BNC female - N female

CODE **R. 191 422**

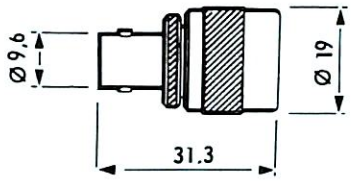
Other Part N° : R. 20 610



BNC female - N female

CODE **R. 191 424**

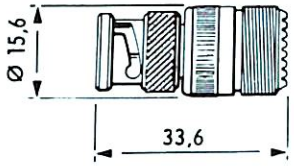
Other Part N° : R. 20 000



BNC female - C male

CODE **R. 191 429**

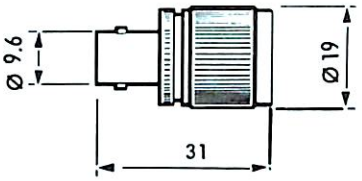
Other Part N° : R. 20 320



BNC male - UHF female

CODE **R. 191 445**

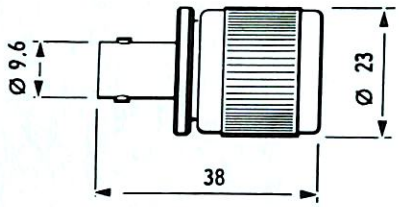
Other Part N° : R. 20 010



BNC female - UHF male

CODE **R. 191 447**

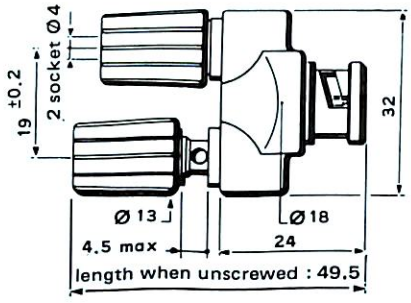
Other Part N° : R. 20 040



BNC female - HN male

CODE **R. 191 449**

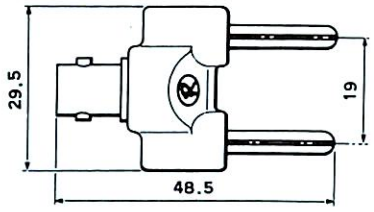
Other Part N° : R. 20 360



BNC male - 2 D4

CODE **R. 191 453**

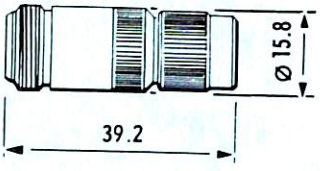
Other Part N° : R. 20 770



BNC female - 2 B4

CODE **R. 191 455**

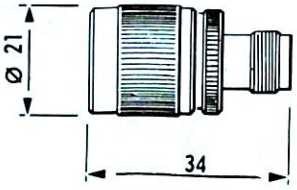
Other Part N° : R. 20 940



N female - TNC male

CODE **R. 191 511**

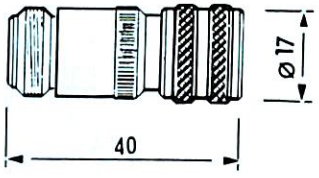
Other Part N° : R. 20 520



N male - TNC female

CODE **R. 191 513**

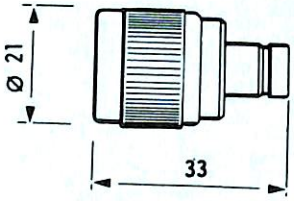
Other Part N° : R. 20 530



N female - mΩ male

CODE **R. 191 603**

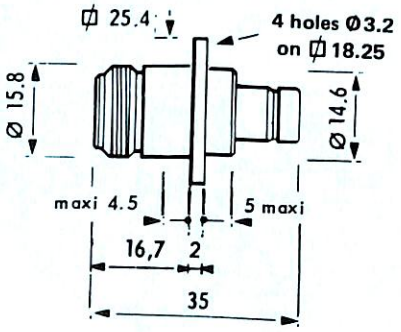
Other Part N° : R. 20 300



N male - mΩ female

CODE **R. 191 606**

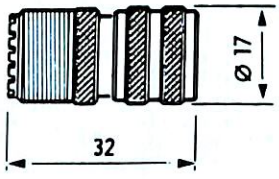
Other Part N° : R. 20 310



N female - mΩ female

CODE **R. 191 609**

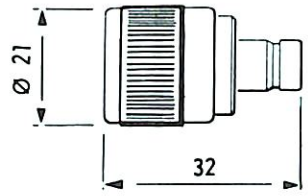
Other Part N° : R. 20 480



UHF female - mΩ male

CODE **R. 191 630**

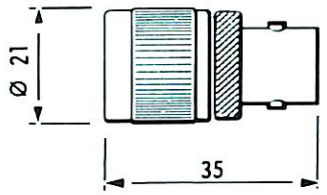
Other Part N° : R. 20 280



UHF male - mQ female

CODE **R. 191 632**

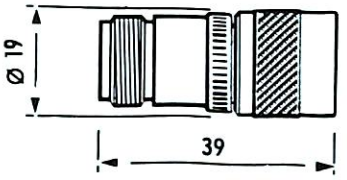
Other Part N° : R. 20 290



N male - C female

CODE **R. 191 703**

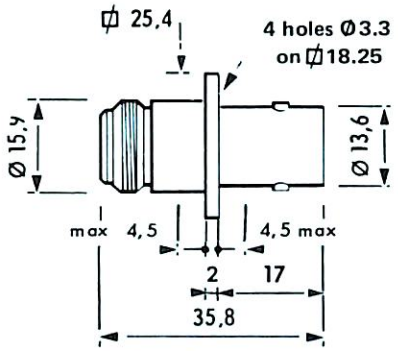
Other Part N° : R. 20 140



N female - C male

CODE **R. 191 705**

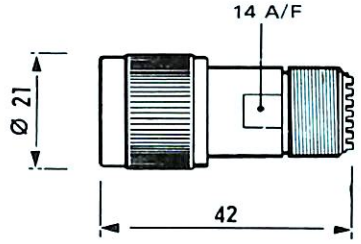
Other Part N° : R. 20 150



N female - C female

CODE **R. 191 708**

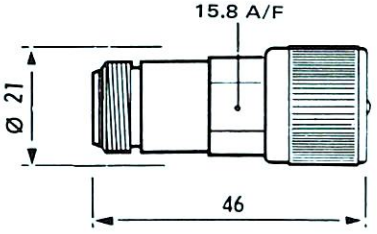
Other Part N° : R. 20 490



N male - UHF female

CODE **R. 191 731**

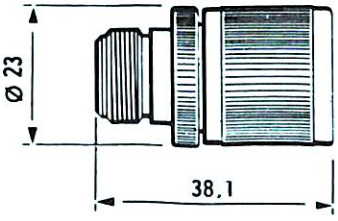
Other Part N° : R. 20 080



N female - UHF male

CODE **R. 191 733**

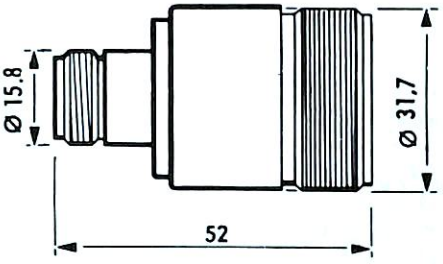
Other Part N° : R. 20 090



N female - HN male

CODE **R. 191 737**

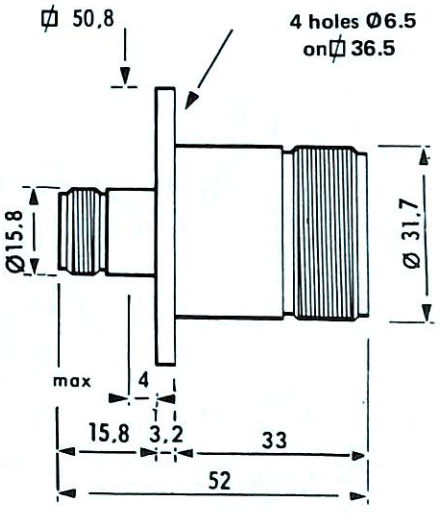
Other Part N° : R. 20 580



N female - LC female

CODE **R. 191 741**

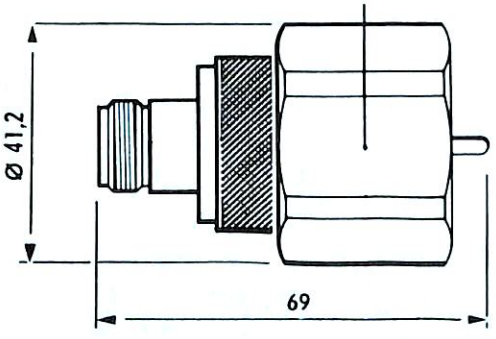
Other Part N° : R. 20 340



N female - LC female

CODE **R. 191 742**

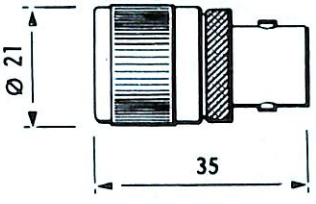
Other Part N° : R. 20 350



N female - LC male

CODE **R. 191 745**

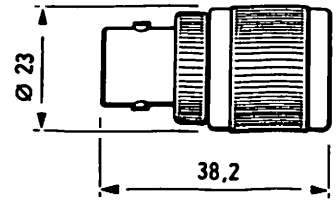
Other Part N° : R. 20 680



UHF male - C female

CODE **R. 191 921**

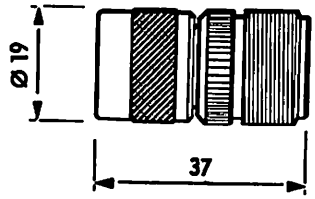
Other Part N° : R. 20 200



C female - HN male

CODE **R. 191 931**

Other Part N° : R. 20 120



C male - HN female

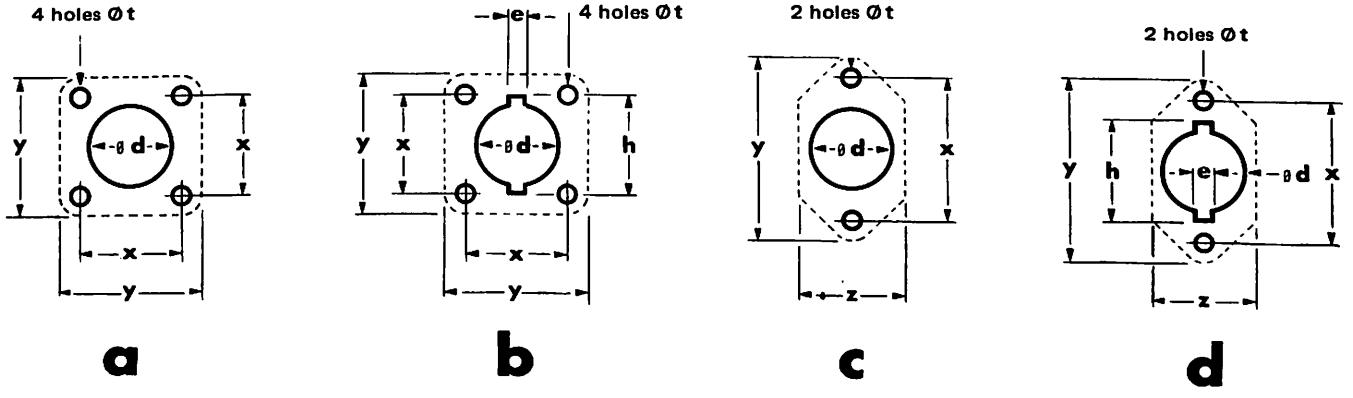
CODE **R. 191 933**

Other Part N° : R. 20 130

FOR COAXIAL CONNECTORS

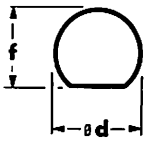
CODE	ø d	ø t	x	y
a 1	11,2	2,6	12,7	17,5
a 2	12,9	2,6	12,7	17,5
a 3	9,2	2,6	12,7	17,5
a 4	9,2	3,2	12,7	17,5
a 5	9,2	2,6	12,7	17,5
a 6	8,2	2,6	12,7	17,5
a 7	8,2	2,6	12,7	17,5
a 8	11,2	2,6	12,7	17,5
a 9	9,7	2,6	12,7	17,5
a 10	8,2	2,6	12,7	17,5
a 11	8,2	3,2	13,5	19
a 12	32,2	6,3	36,5	50,8
a 13	32,2	6,3	36,5	50,8
a 14	41,5	6,3	36,5	50,8
a 15	24,2	6,3	36,5	50,8
a 16	30,5	6,3	36,5	50,8
a 17	17,8	3,2	18,25	25,4
a 18	21,3	3,2	18,25	25,4
a 19	16,2	3,2	18,25	25,4
a 20	15	3,2	18,25	25,4
a 21	16,2	3,2	18,25	25,4
a 22	22,5	3,2	23	30
a 23	16	3,2	23	30
a 24	34	6,3	36,5	50,8
a 25	27,5	6,3	36,5	50,8
a 26	19,5	3,2	18,25	25,4
a 27	19,3	3.2	23	30
a 28	20,3	3,2	23	30

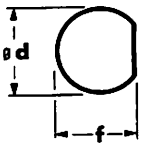
CODE	ø d	ø t	x	y	z	e	h
a 29	17,8	3,2	18,25	25,4			
a 30	12,2	2,6	12,7	17,5			
a 31	11,2	3,2	18,25	25,4			
a 32	32,2	6,3	36,5	50,8			
a 33	16	6,3	36,5	50,8			
a 34	19,3	3,2	23	30			
a 35	15,4	3,2	18,25	25,4			
a 36	13	3,2	18,25	25,4			
a 37	1,3	1,3	5,08	6,5			
a 38	23,4	3,2	25	32			
a 39	27,4	3,2	25	32			
a 40	13,2	2,6	12,7	17,5			
a 41	9,2	2,6	12,7	17,5			
a 42	5,6	2,6	12,7	17,5			
a 43	4,9	2,2	7	11			
b 1	9,8	2,6	12,7	17,5		2,3	11,2
b 2	9,8	3,2	12,7	17,5		2,3	11,2
b 3	9,8	2,6	12,7	17,5		2,3	11,2
b 4	9,8	3,2	18,25	25,4		2,3	11,2
c 1	9	3,2	18	22,8	12,7		
c 2	16	3,2	25,8	33,2	18		
c 3	9	4,2	30	38	14		
c 4	4,3	2,2	11,2	15,9	8,3		
c 5	4,3	1,8	11,2	15,9	8,3		
d 1	9,8	3,2	18	22,8	12,7	2,3	11,2

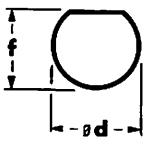


The dotted line shows the connector outline and the full line the actual panel piercing.

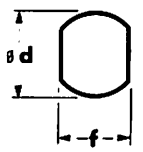
FOR COAXIAL CONNECTORS



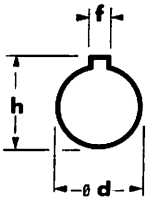




CODE	ø d	f	h
e 1	10,3	9,1	
e 2	19	18,1	
e 3	15,8	15	
e 4	11	10,1	
e 5	12,7	12	
e 6	9,5	9	
e 7	9,5	8,8	
e 8	6	5,6	
e 9	4,9	4,5	
e 10	8	7,2	
e 11	24	22,5	
e 12	20	19	
e 13	7,95	7,5	
e 14	6,35	5,97	
e 15	11,1	10,3	
e 16			
e 17			
e 18			
e 19			
e 20			
e 21			



h 1	9,5	8,6	
h 2	15,8	13,6	
h 3	15,8	13,6	
h 4	19	17,2	
h 5	12,7	11,2	



k 1	18	2,2	19
k 2	12,2	2,2	15,7
k 3	9,5	2,2	11,3
k 4	4,9	1	5,8
k 5	8	2,2	9,3
k 6	14	2,2	16,7

The coaxial cables listed are the most popular used in RF transmission lines : they are classified in different groups by their dimensions.

It is recommended that all coaxial cables employed with RADIALL coaxial connectors conform to the MIL - C - 17 D or CCTU - 10 - 01 A specifications.

SPECIFICATION MIL - C - 17 D

CABLE TYPE	GROUP	CABLE TYPE	GROUP	CABLE TYPE	GROUP
RG.5.B/U	XII	RG.142.B/U	I	RG.213/U	VII
RG.6.A/U	XII	RG.144/U	VIII	RG.214/U	IX
RG.11.A/U	VIII	RG.165/U	VII	RG.215/U	VII
RG.12.A/U	VIII	RG.174/U	XIV	RG.216/U	X
RG.58.C/U	I	RG.178.B/U	XIII	RG.217/U	XI
RG.59.B/U	II	RG.179.B/U	XIV	RG.218/U	IV
RG.62.A/U	III	RG.180.B/U	XV	RG.219/U	IV
RG.63.B/U	VIII	RG.187.A/U	XIV	RG.222/U	XII
RG.71.B/U	III	RG.188.A/U	XIV	RG.223/U	I
RG.140/U	II	RG.195.A/U	XV	RG.225/U	IX
RG.141.A/U	I	RG.196.A/U	XIII	RG.316/U	XIV
		RG.212/U	XII		

SPECIFICATION CCTU - 10 - 01 - A

KX.3A	XIV	KX.15	I	KX.30	III
KX.4	VII	KX.21.A	XIII	KX.50	XII
KX.6A	II	KX.22.A	XIV	KX.51	XII
KX.8	VIII	KX.23	I	KX.52	II
KX.13	IX	KX.24	IX	KX.53	II

SPECIFICATION CCTU - 55 (now obsolete)

50 GD					
75.GD		*75.MD*	*X*	*100.MD*	*X*

SPECIAL

50.GD. ★		*75.GD* ★		*125.PMSA*	*III*

★ *Armoured*

MARINE SPECIFICATION - MN 8 215 D

CABLE TYPE	SIMILAR TO	CABLE TYPE	SIMILAR TO	CABLE TYPE	SIMILAR TO
50.GP	*50.GD.* ★	*50.MTB*	*KX.24.* ★	*50.STN*	*KX.21*
50.MP	*RG.10*	*50.PPN*	*KX.2*	*75.GP*	*75.GD.* ★
50.MPB	*KX.13.* ★	*50.PPBN*	*RG.223/U*	*75.MP*	*RG.12.A/U*
50.MPN	*KX.4*	*50.RPN*	*KX.3*	*75.PPN*	*KX.6*
50.MPBN	*KX.13*	*50.RTN*	*KX.22*		

★ *Armoured*

B
2

CLASSIFICATION BY GROUP

The various cables are grouped into types having similar dimensions, and where similar assembly instructions apply. Cable types shown in darker print are the ones most often encountered in that particular group.

The group numbers shown in the tables below are referred to on the various coaxial connector data sheets.

EXPLANATION OF SYMBOLS USED IN THE TABLES BELOW

Inner conductor and Braid

Cu. or Cu. R : Copper
Cu. E : Tinned Copper
Cw : Copperweld
Cu. Ag : Silvered Copper

Dielectric and Outer Sheath

P : Polyethylene
Tex: Teflon Extruded
TT : Teflon Tape
GF: Glass Fibre
FEP : Fluorinated Ethylene Propylene
PVC : Polyvinyl Chloride
Ae : Semi air spaced

CABLE TYPE	IMP. Ω	CENTRE CONDUCTOR mm	Ø DIELECTRIC mm	NUMBER OF BRAIDS AND COMPOSITION	MAX. O/D OUTER SHEATH mm	SUITABLE COAXIAL CONNECTORS
GROUP I - Ø5 mm / 50 Ω						
RG.58.C/U	50	19 × 0,18.Cu.E	2,95.P	1.Cu.E	5,05.PVC	BNC TNC CB mΩ
RG.141.A/U	50	1 × 0,99.Cw.Ag	2,95.Tex	1.Cu.Ag	4,96 (TT + GF)	
RG.142.B/U	50	1 × 0,99.Cw.Ag	2,95.Tex	2.Cu.Ag	5,08.FEP	
RG.223/U	50	1 × 0,89.Cu.Ag	2,95.P	2.Cu.E	5,49.PVC	
KX.15	50	19 × 0,18.Cu.E	2,95.P	1.Cu.E	5,05.PVC	UHF C HN N
KX.23	50	7 × 0,34.Cu.Ag	2,95.Tex	2.Cu.Ag	5,3 (2TT + 2GF)	
GROUP II - Ø6 mm / 75 Ω						
RG.59.B/U	75	1 × 0,58.Cw	3,71.P	1.Cu	6,25.PVC	BNC TNC CB mΩ
RG.140/U	75	1 × 0,635.Cw.Ag	3,70.Tex	1.Cu.Ag	6,1 (2TT + 1GF)	
KX.6 A	75	7 × 0,2.Cu.R	3,70.P	1.Cu.R	6,2.PVC	
KX.25	75	7 × 0,235.Cw.Ag	3,70.Tex	1.Cu.Ag	5,9(2TT + 1GF)	
KX.52	72,5	1 × 0,63.Cu.R	3,70.P	1.Cu.E	6,3.PVC	UHF C HN N
KX.53	72,5	7 × 0,224.Cu.R	3,70.P	1.Cu.E	6,3.PVC	
GROUP III - Ø6 mm / 93 Ω						
RG.62.A/U	93	7 × 0,20	3,70.P.Ae	1.Cu.R	6,33.PVC	BNC TNC mΩ
RG.71.B/U	93	1 × 0,643.Cw	3,71.P.Ae	2.Cu ou 2.Cu.E	6,35.P	
KX.30	93	1 × 0,64.Cw	3,70.P.Ae	1 Cu.R	6,33.PVC	UHF C HN N
125.PMSA	130	1 × 0,28.Cw	3,70.P.Ae	1.Cu R	6,27 PVC	

CABLE TYPE	IMP. Ω	CENTRE CONDUCTOR mm	Ø- DIELECTRIC mm	NUMBER OF BRAIDS AND COMPOSITION	MAX. O/D OUTER SHEATH mm	SUITABLE COAXIAL CONNECTORS
GROUP IV - Ø22 mm / 50 Ω						
RG.218/U	50	1 × 4,953.Cu	17,27.P	1.Cu	22,35.PVC	**LC**
* RG.219/U	50	1 × 4,953.Cu	17,27.P	1.Cu	22,35.PVC	
KX.14	50	1 × 5.Cu.R	17,30.P	1.Cu.R	22,4.PVC	N C HN
* *Armoured cables Ø24 max. over armour*						
GROUP VII - Ø10 mm / 50 Ω						
RG.213/U	50	7 × 0,752.Cu.R	7,24.P	1.Cu.R	10,54.PVC	**N C HN**
RG.165/U	50	7 × 0,81.Cu.Ag	7,25.Tex	1.Cu.Ag	10,65(2TT+ 2GF)	
* RG.215/U	50	7 × 0,752.Cu.R	7,24.P	1.Cu	10,47.PVC	**mQ UHF**
KX.4	50	7 × 0,75.Cu.R	7,25.P	1.Cu.R	10,5.PVC	BNC
* *Armoured cables Ø12.07 max. over armour*						
GROUP VIII - Ø10 mm / 75 Ω						
RG.11.A/U	75	7 × 0,404.Cu.E	7,24.P	1.Cu.R	10,47.PVC	
* RG.12.A/U	75	7 × 0,404.Cu.E	7,24.P	1.Cu.R	10,47.PVC	
RG.144/U	75	7 × 0,45.Cw.Ag	7,24.Tex	1.Cu.Ag	10,66(2TT +2GF)	**N mQ**
RG.63.B/U	125	1 × 0,64.Cw	7,24.P.Ae	1.Cu.R	10,54.PVC	
KX.8	75	7 × 0,4	7,25.P	1.Cu.R	10,5.PVC	BNC UHF
* *Armoured cables Ø12.07 max. over armour*						
GROUP IX - Ø11 mm / 50 Ω						
RG.214/U	50	7 × 0,752.Cu.Ag	7,24.P	2.Cu Ag	10,98.PVC.	
RG.225/U	50	7 × 0,792.Cu.Ag	7,24.Tex	2.Cu.Ag	11,17(2TT+ 2GF)	**C HN**
KX.13	50	7 × 0,75.Cu.Ag	7,25.P	2.Cu.Ag	11 PVC	
KX.24	50	7 × 0,8	7,25.Tex	2.Cu.Ag	11,1(1TT + 1GF)	N BNC
GROUP X - Ø11 mm / 75 Ω						
RG.216/U	75	7 × 0,404.Cu.E	7,24.P	2.Cu.R	10,98.PVC	
75.MD	71,5	12 × 0,3.Cu.R	7,2.P	1.Cu.R	11,1.PVC	**N mQ**
100.MD	98,5	12 × 0,15.Cu.R	7,2.P	1.Cu.R	11,1.PVC	BNC
GROUP XI - Ø14 mm / 50 Ω						
RG.217/U	50	1 × 2,69.Cu.R	9,40.P	2.Cu.R	14,1.PVC	**HN N**
GROUP XII - Ø8 mm / 50 + 75 Ω						
RG.5.B/U	50	1 × 1,30.Cu.Ag	4,60.P	2.Cu.Ag	8,51.PVC	
RG.6.A/U	75	1 × 0,724.Cw	4,70.P	2.Cu.Ag	8,53.PVC	
RG.212/U	50	1 × 1,41.Cu.Ag	4,70.P	2.Cu.Ag	8,53.PVC	
RG.222/U	50	1 × 1,41.Cu	4,70.P	2.Cu.Ag	8,53.PVC	**N**
KX.50	72,5	1 × 0,63.Cu.R	3,70.P	3.Cu.E	8,50.PVC	
KX.51	75	7 × 0,224.Cu.R	3,70.P	3.Cu.E	8,50.PVC	

CABLE TYPE	IMP. Ω	CENTRE CONDUCTOR mm	Ø- DIELECTRIC mm	NUMBER OF BRAIDS AND COMPOSITION	MAX. O/D OUTER SHEATH mm	SUITABLE COAXIAL CONNECTORS
GROUP XIII - Ø2 mm / 50 Ω						
RG.196.A/U	50	7 × 0,10.Cw.Ag	0,86.Tex	1.Cu.Ag	2,03(Tex or TT)	**Subvis** **Subclic**
RG.178.B/U	50	7 × 0,10.Cw.Ag	0,86.Tex	1.Cu.Ag	1,9.FEP	
KX.21.A	50	7 × 0,10.Cw.Ag	0,87.Tex	1.Cu.Ag	1,9.FEP	BNC mΩ
GROUP XIV - Ø2.6 mm / 50 + 75 Ω						
RG.174/U	50	7 × 0,16.Cw	1,52.P	1.Cu.E	2,7.PVC	**Subvis** **Subclic**
RG.179.B/U	75	7 × 0,10.Cw.Ag	1,6.Tex	1.Cu.Ag	2,67.FEP	
RG.187.A/U	75	7 × 0,10.Cw.Ag	1,6.Tex	1.Cu.Ag	2,79(Tex or TT)	
RG.188.A/U	50	7 × 0,17.Cw.Ag	1,52.Tex	1.Cu.Ag	2,79(Tex or TT)	
RG.316/U	50	7 × 0,17.Cw.Ag	1,52.Tex	1.Cu.Ag	2,6.FEP	
KX.3.A	50	7 × 0,16.Cw	1,5.P	1.Cu.R	2,67PVC	BNC mΩ
KX.22.A	50	7 × 0,17.Cw.Ag	1,5.Tex	1.Cu.Ag	2,6.FEP	
GROUP XV - Ø3.8 mm / 95 Ω						
RG.180.B/U	95	7 × 0,10.Cw.Ag	2,59.Tex	1.Cu.Ag	3,68.FEP	Subvis Subclic
RG.195.A/U	95	7 × 0,10.Cw.Ag	2,59.Tex	1.Cu.Ag	3,94(Tex or TT)	

SEMI - RIGID COAXIAL CABLES

CABLE TYPE	IMP. Ω	CENTRE CONDUCTOR mm	Ø- DIELECTRIC mm	O/D COPPER SHEATH mm	SUITABLE COAXIAL CONNECTORS
• 085 (2,2 mm)	50	1 × 0,51 Cw Ag	1,67 Tex	2,2 Cu	Subvis Subclic - RiM
• 141 (3,58 mm)	50	1 × 0,91 Cw Ag	3,02 Tex	3,58 Cu	N BNC TNC C
• 250 (6,35 mm)	50	1 × 1,62 Cu Ag	5,44 Tex	6,35 Cu	BNC TNC N C